

## PTH1R recombinant protein

Recombinant Human PTH1R Protein

|                               |                             |
|-------------------------------|-----------------------------|
| CATALOG #<br><b>AAA282483</b> | HOST<br><b>HEK293 cells</b> |
|-------------------------------|-----------------------------|

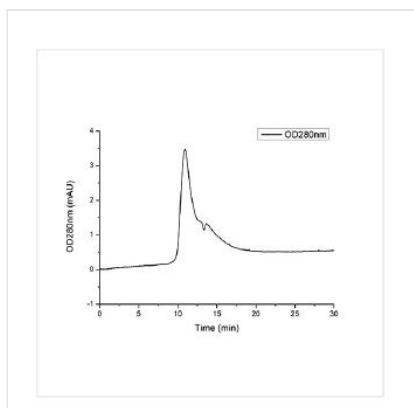
### PRODUCT SYNONYMS

PTH1R; Recombinant Human PTH1R Protein; PFE; PTHR; PTHR1; PTH1R recombinant protein

### PRODUCT SPECIFICATIONS

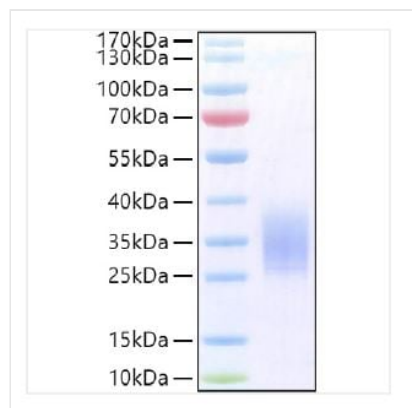
|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                  |
| Purity/Purification     | > 95% by SDS-PAGE.                                                                                                                                                                                                                            |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                        |
| Species                 | Human                                                                                                                                                                                                                                         |
| Tag                     | C-His                                                                                                                                                                                                                                         |
| Preparation and Storage | Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles.<br>Ship: Ice Pack |

### IMAGES



#### Application Data

The purity of Human PTH1R/PTHR/PTHR1 Protein (#AAA282483) was greater than 95% as determined by SEC-HPLC.



#### SDS-PAGE

Recombinant Human PTH1R Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 27-38kDa.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                           |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PTH1R recombinant protein | Recombinant Human PTH1R Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp27-Gly188) of human PTH1R/PTHR/PTHR1 (Accession #NP_000307.1.) fused with a 6×His tag at the C-terminus. |
| Product Categories/Family for PTH1R recombinant protein   | <a href="#">Other Recombinant Protein</a>                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4506271                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 5745                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_000307.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000316.2                                                                                                                                                                                                                                                     |
| UniProt Accession #              | Q03431; Q2M1U3                                                                                                                                                                                                                                                  |
| Molecular Weight                 | 66,361 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | parathyroid hormone/parathyroid hormone-related peptide receptor                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | parathyroid hormone 1 receptor                                                                                                                                                                                                                                  |
| NCBI Official Symbol             | PTH1R                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | PFE; PTHR; PTHR1                                                                                                                                                                                                                                                |
| NCBI Protein Information         | parathyroid hormone/parathyroid hormone-related peptide receptor; PTH1 receptor; PTH/PTHr receptor; PTH/PTHrP type I receptor; parathyroid hormone receptor 1; seven transmembrane helix receptor; parathyroid hormone/parathyroid hormone-related protein rece |
| UniProt Protein Name             | Parathyroid hormone/parathyroid hormone-related peptide receptor                                                                                                                                                                                                |
| UniProt Gene Name                | <b>PTH1R</b>                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | PTHR; PTHR1; PTH/PTHr receptor                                                                                                                                                                                                                                  |
| UniProt Entry Name               | PTH1R_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/pth1r-recombinant-protein-hek293/282483>