

## Notch 1 Recombinant Protein | NOTCH1 recombinant protein

Biotinylated Human Notch 1 Protein Recombinant

|           |                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                                    |
| AAA76241  | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.) |

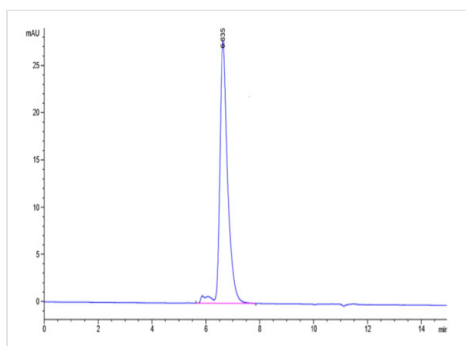
### PRODUCT SYNONYMS

Notch 1; Biotinylated Human Notch 1 Protein Recombinant; NOTCH1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)                                                             |
| Purity/Purification     | >95%, as determined by SDS-PAGE and HPLC                                                                                                                                                            |
| Form/Format             | Recombinant Human Nkp30/NCR3/CD337 was lyophilized from 0.2 um filtered PBS solution pH7.4                                                                                                          |
| Source                  | DNA sequence encoding Human Notch 1 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology. |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                            |
| Molecular Function      | Activator, Developmental-protein, Receptor                                                                                                                                                          |
| Biological Process      | Angiogenesis, Differentiation, Notch-signaling-pathway                                                                                                                                              |
| Reconstitution          | Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM                                                                                                                    |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C                                                                                                         |

### IMAGES



#### Application Data

Biotinylated Human Notch 1 Protein SEC-HPLC The purity of Biotinylated Human Notch 1 is greater than 95% as determined by SEC-HPLC.



#### Tris-Bis-PAGE

Biotinylated Human Notch 1 Protein Tris-Bis PAGE Biotinylated Human Notch 1 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

### ADDITIONAL INFORMATION

|                                                          |                       |
|----------------------------------------------------------|-----------------------|
| Product Categories/Family for NOTCH1 recombinant protein | Biotinylated proteins |
|----------------------------------------------------------|-----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 148833508                                                                                                                         |
| NCBI GeneID                      | 4851                                                                                                                              |
| NCBI Accession #                 | NP_060087.3                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_017617.3                                                                                                                       |
| UniProt Accession #              | P46531; P62988; P78504; Q06330; Q16665; Q92585; Q8VBV4; Q969H0                                                                    |
| Molecular Weight                 | 272,505 Da                                                                                                                        |
| NCBI Official Full Name          | neurogenic locus notch homolog protein 1 preproprotein                                                                            |
| NCBI Official Synonym Full Names | notch 1                                                                                                                           |
| NCBI Official Symbol             | NOTCH1                                                                                                                            |
| NCBI Official Synonym Symbols    | hN1; TAN1                                                                                                                         |
| NCBI Protein Information         | neurogenic locus notch homolog protein 1; Notch homolog 1, translocation-associated; translocation-associated notch protein TAN-1 |
| UniProt Protein Name             | Neurogenic locus notch homolog protein 1                                                                                          |
| UniProt Gene Name                | <b>NOTCH1</b>                                                                                                                     |
| UniProt Synonym Gene Names       | TAN1; Notch 1; hN1; NICD                                                                                                          |
| UniProt Entry Name               | NOTC1_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/notch1-recombinant-protein-hek293/76241>