

## Leptin (LEP) Recombinant Protein | LEP recombinant protein

Recombinant Leptin (LEP)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153266</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Leptin (LEP); Recombinant Leptin (LEP); Leptin; LEP recombinant protein (prokaryotic); Pig; OB; OBS; Obesity Homolog; Obesity Factor; Obese Protein; LEP recombinant protein

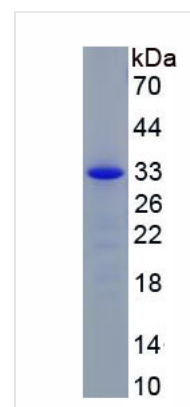
### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                | E coli                                                                                                       |
| Purity/Purification                                 | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                         | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                  | Met1~Cys167                                                                                                  |
| Applicable Applications for LEP recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                   | Prokaryotic expression                                                                                       |
| Species                                             | Pig                                                                                                          |
| Tag                                                 | Two N-terminals, His-tag and SUMO-tag                                                                        |
| Endotoxin Level                                     | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                   | 7.4                                                                                                          |
| Subcellular Location                                | Secreted                                                                                                     |
| Research Area                                       | Metabolic pathway                                                                                            |
| Preparation and Storage                             | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES

MRCGLCRFLALMPYLSVVEAVPDRVQDQTKLTKTIVTRISDSIMQSVSSKQRTVGLDFIPGLHPVLSLSKMDQTLAIYQQLTS  
LPSRNVTIQISNDLEHRLDLHLASSKSCPLPQARALETLESGLGVLEASLYSTEVALSRLOALQDMLRQLDLSPGC

Amino Acid Info



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| Product Categories/Family for LEP recombinant protein | Prokaryotic proteins |
|-------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                               |                               |
|-------------------------------|-------------------------------|
| NCBI GI #                     | 55741433                      |
| NCBI GeneID                   | 396832                        |
| NCBI Accession #              | NP_999005.1                   |
| NCBI GenBank Nucleotide #     | NM_213840.1                   |
| UniProt Accession #           | Q29406; O19095; Q95251        |
| Molecular Weight              | 18,661 Da                     |
| NCBI Official Full Name       | leptin                        |
| NCBI Official Symbol          | LEP                           |
| NCBI Official Synonym Symbols | OB; OBS                       |
| NCBI Protein Information      | leptin; obese; obesity factor |
| UniProt Protein Name          | Leptin                        |
| UniProt Gene Name             | LEP                           |
| UniProt Synonym Gene Names    | OB; OBS                       |
| UniProt Entry Name            | LEP_PIG                       |

**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/lep-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153266>