

## PTH recombinant protein

Recombinant Human PTH, C-His

|                               |                                |                                                      |
|-------------------------------|--------------------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA120422</b> | HOST<br><b>Mammalian cells</b> | APPLICATIONS<br><b>ELISA, Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------------|------------------------------------------------------|

### PRODUCT SYNONYMS

PTH; Recombinant Human PTH; C-His; Parathyroid hormone; Parathormone; Parathyrin; PTH recombinant protein

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | Mammalian cells                                                                                                                                                                     |
| Purity/Purification                                 | >90% as determined by SDS-PAGE                                                                                                                                                      |
| Form/Format                                         | Lyophilized from a solution in PBS pH7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.                                                                                                      |
| Sequence Positions                                  | Met1-Gln115                                                                                                                                                                         |
| Sequence Length                                     | Met1-Gln115                                                                                                                                                                         |
| Applicable Applications for PTH recombinant protein | ELISA, WB (Western Blot), SDS-PAGE                                                                                                                                                  |
| Species                                             | Human                                                                                                                                                                               |
| Reconstitution                                      | Reconstitute in sterile water for a stock solution.                                                                                                                                 |
| Preparation and Storage                             | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt. |

### IMAGES


**Bioactivity**

Detects Human PTH(1-34)?Antibody (168g2/183k) in indirect ELISAs.


**SDS-PAGE**

SDS PAGE for Recombinant Human PTH

### ADDITIONAL INFORMATION

|                                                       |                                      |
|-------------------------------------------------------|--------------------------------------|
| Product Categories/Family for PTH recombinant protein | <a href="#">Recombinant Proteins</a> |
|-------------------------------------------------------|--------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">4506267</a>                                                  |
| NCBI GeneID               | <a href="#">5741</a>                                                     |
| NCBI Accession #          | <a href="#">NP_000306.1</a>                                              |
| NCBI GenBank Nucleotide # | <a href="#">NM_000315.2</a>                                              |
| UniProt Accession #       | <a href="#">P01270</a> ; <a href="#">Q4VB48</a> ; <a href="#">Q9UD38</a> |

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Molecular Weight                 | 12,861 Da                                                                                                   |
| NCBI Official Full Name          | parathyroid hormone preproprotein                                                                           |
| NCBI Official Synonym Full Names | parathyroid hormone                                                                                         |
| NCBI Official Symbol             | PTH                                                                                                         |
| NCBI Official Synonym Symbols    | PTH1                                                                                                        |
| NCBI Protein Information         | parathyroid hormone; parathyrin; prepro-PTH; parathormone; parathyroid hormone 1; preproparathyroid hormone |
| UniProt Protein Name             | Parathyroid hormone                                                                                         |
| UniProt Gene Name                | <b>PTH</b>                                                                                                  |
| UniProt Synonym Gene Names       | PTH                                                                                                         |
| UniProt Entry Name               | PTHY_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://stage.aaabiotech.com/pth-recombinant-protein-mammalian-cells-elisa-wb-western-blot-sds-page/120422>