

## IL-35 Recombinant Protein | IL35 recombinant protein

Human IL-35 Recombinant

|           |                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                          |
| AAA76107  | HEK Cells (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders) |

### PRODUCT SYNONYMS

IL-35; Human IL-35 Recombinant; il-35; il35; IL35 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK Cells (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                                                                                                                                                                                                                                                                                                                       |
| Form/Format             | Recombinant Human Interleukin-35 was lyophilized from a 0.2 um filtered PBS solution pH 7.4.                                                                                                                                                                                                                                                          |
| Sequence Length         | 229                                                                                                                                                                                                                                                                                                                                                   |
| Host Note               | DNA sequence encoding Human IL27B fused to DNA sequence encoding mature chain of Human IL12 p35 via linker chain and a C-terminal polyHis tag was expressed in HEK cells.                                                                                                                                                                             |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method.<br>Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                                                                                                                                                                           |
| Reconstitution          | A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.                                                                                                                                                                              |
| Molecular Weight Note   | Recombinant Human Interleukin-35 is a monomer consisting of 645 amino acid residue, and migrates as an approximately 95 kDa protein under reducing conditions in SDS-PAGE.                                                                                                                                                                            |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.<br>Upon reconstitution, this cytokine can be stored in working aliquots at 2 degree - 8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity.<br><br>Avoid repeated freeze/thaw cycles. |

### ADDITIONAL INFORMATION

|                                                        |           |
|--------------------------------------------------------|-----------|
| Product Categories/Family for IL35 recombinant protein | Cytokines |
|--------------------------------------------------------|-----------|

### NCBI AND UNIPROT INFORMATION

|                           |                             |
|---------------------------|-----------------------------|
| NCBI GI #                 | 14577917                    |
| NCBI GeneID               | 10148                       |
| NCBI Accession #          | NP_005746.2                 |
| NCBI GenBank Nucleotide # | NM_005755.2                 |
| UniProt Accession #       | Q14213; O75269; A0N0N2      |
| Molecular Weight          | 25,396 Da                   |
| NCBI Official Full Name   | interleukin-27 subunit beta |

|                            |                                   |
|----------------------------|-----------------------------------|
| UniProt Protein Name       | Interleukin-27 subunit beta       |
| UniProt Gene Name          | <b>EBI3</b>                       |
| UniProt Synonym Gene Names | IL27B; IL-27 subunit beta; IL-27B |
| UniProt Entry Name         | IL27B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/ebi3-recombinant-protein/76107>