

## Active GMP Recombinant Human IL25 Protein

Cat. No. IL25-136HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL25, Tyr33-Gly177, was produced in E. coli using non-animal reagents in an animal-free facility under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	33-177 a.a.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA.
<b>Bio-activity</b>	Measured by its ability to induce CXCL1/GRO alpha secretion in HT-29 human colon adenocarcinoma cells.
<b>Molecular Mass</b>	Predicted Molecular Mass: 17 (monomer) kDa
<b>N-terminal Sequence Analysis</b>	Met-Tyr-Ser-His-Trp-Pro-Ser-(Cys)-(Cys)-Pro
<b>Endotoxin</b>	<0.10 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>97%, by SDS-PAGE with silver staining, under reducing conditions.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. 12 months, -20 to -70 centigrade as supplied.

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1 month, 2 to 8 centigrade under sterile conditions after reconstitution.  
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution** Reconstitute at 100 µg/mL in sterile 4 mM HCl.

**Quality Statement** Our GMP proteins are produced according to relevant sections of the following documents: WHO TRS, No. 822, 1992 Annex 1, Good Manufacturing Practices for Biological Products; USP Chapter 1043, Ancillary Materials for Cell, Gene and Tissue-Engineered Products and USP Chapter 92, Growth Factors and Cytokines Used in Cell Therapy Manufacturing.

**Shipping** The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

## GENE INFORMATION

**Gene Name** IL25 interleukin 25 [ Homo sapiens ]

**Official Symbol** IL25

**Synonyms** IL25; interleukin 25; IL17E, interleukin 17E; interleukin-25; IL 17E; IL 25; interleukin 17E; interleukin-17E; IL17E;

**Gene ID** 64806

**mRNA Refseq** NM\_022789

**Protein Refseq** NP\_073626

**MIM** 605658

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UniProt ID

Q9H293

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