

Active GMP Recombinant Human IL25 Protein

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

SPECIFICATION

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