

GMP Recombinant Human IL15 protein

Cat. No. IL15-01HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human IL15 protein(P40933)(49-162 aa) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	49-162 aa
Form	PBS, 5% mannitol and 0.01% Tween 80, pH7.4.
Bio-activity	Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is $\leq 0.5\text{ng/ml}$, corresponding to a specificBioactivity of $\geq 2 \times 10^6$ units/mg.
Molecular Mass	12.7 kDa
AASequence	NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCCKVTAMKCFLLQLVISLES GDASI HDTVENLIILANNSLSSNGNVTESGCKECELEEKNIKEFLQSFVHIVQMFINTS
Endotoxin	≤ 10 EU/mg by the LAL method
Purity	$\geq 95\%$, by SDS-PAGE
Storage	36 months at 2°C to 8°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after

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reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution It is recommended to redissolve in sterile deionized water.

GENE INFORMATION

Gene Name IL15 interleukin 15 [Homo sapiens]

Official Symbol IL15

Synonyms IL15; interleukin 15; interleukin-15; IL 15; MGC9721; IL-15;

Gene ID 3600

mRNA Refseq NM_000585

Protein Refseq NP_000576

MIM 600554

UniProt ID P40933

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