

GMP Recombinant Human IL4 Protein

Cat. No. IL4-139HGB Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant IL4 (P05112-1) (His25-Ser153) was expressed with a N-terminal Met in an animal component free process under cGMP guidelines. The purified protein was biotinylated in vitro.
Species	Human
Source	E.coli
ProteinLength	25-153 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol and 0.01% Tween80.
Molecular Mass	The GMP recombinant IL4 consists of 130 amino acids and predicts a molecular mass of 15.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 93.8 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [IL4 interleukin 4 \[Homo sapiens \]](#)

Official Symbol [IL4](#)

Synonyms IL4; interleukin 4; interleukin-4; B cell growth factor 1; B_cell stimulatory factor 1; BCGF 1; BCGF1; BSF1; IL 4; lymphocyte stimulatory factor 1; MGC79402; binetrakin; pitrakinra; IL-4; BSF-1; BCGF-1;

Gene ID [3565](#)

mRNA Refseq [NM_000589](#)

Protein Refseq [NP_000580](#)

MIM [147780](#)

UniProt ID [P05112](#)

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