

IL-3 recombinant protein

Human IL-3 (N-6His) Protein

CATALOG #
AAA47614

HOST
E coli

PRODUCT SYNONYMS

IL-3; Human IL-3 (N-6His) Protein; Interleukin-3; Hematopoietic Growth Factor; Mast Cell Growth Factor; MCGF; Multipotential Colony-Stimulating Factor; P-Cell-Stimulating Factor; IL3; IL-3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Affinity purification Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Tag	N-6×His Tag
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing).

IMAGES

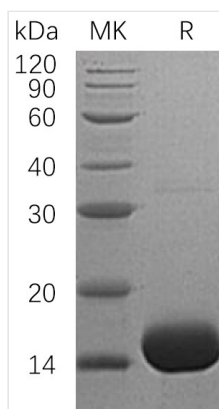

SDS-PAGE

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

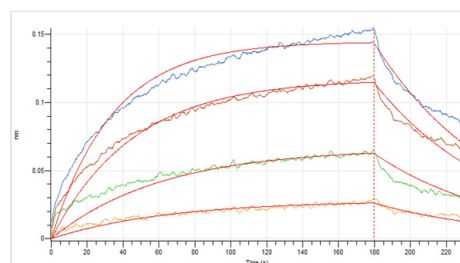

ELISA

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

ADDITIONAL INFORMATION

Related Product Information for IL-3 recombinant protein

Recombinant Human Interleukin-3 is produced by our E coli expression system and the target gene encoding Ala20-Phe152 is expressed with a 6His tag at the N-terminus. Interleukin-3 (IL-3) is a potent growth promoting cytokine. IL-3 can stimulate the proliferation and differentiation of pluripotent hematopoietic stem cells as well as various lineage committed progenitors. IL-3 exerts its biological function through binding to specific cell surface receptors. The amino acid sequences of this protein among different species share relatively low identity and its activity is highly species-specific. IL-3 has also been shown to possess neurotrophic activity, and is thought to be associated with neurologic disorders.

Product Categories/Family for IL-3 recombinant protein

[ECD 1182](#); [ECD Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	3002475
NCBI GeneID	3562
UniProt Accession #	P08700; Q6GS87
Molecular Weight	17,233 Da
NCBI Official Full Name	IL-3
NCBI Official Synonym Full Names	interleukin 3 (colony-stimulating factor, multiple)
NCBI Official Symbol	IL3
NCBI Official Synonym Symbols	IL-3; MCGF; MULTI-CSF
NCBI Protein Information	interleukin-3; mast cell growth factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; hematopoietic growth factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor
UniProt Protein Name	Interleukin-3
UniProt Gene Name	IL3
UniProt Synonym Gene Names	IL-3; MCGF
UniProt Entry Name	IL3_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.

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Online datasheet: <https://stage.aaabiotech.com/il3-recombinant-protein-e-coli/47614>