

IL5 recombinant protein

Recombinant Human IL5 protein with C-terminal 6xHis tag

CATALOG # AAA47242	HOST HEK293 cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

IL5; Recombinant Human IL5 protein with C-terminal 6xHis tag; Human IL5 Protein; His Tag; IL-5; TRF; Interleukin-5; EDF; IL5 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-72% trehalose is added as protectants before lyophilization.
Sequence	IL5(Ile20- Ser134)
Applicable Applications for IL5 recombinant protein	WB (Western Blot)
Source	Human
Conjugation	C-6xHis tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES

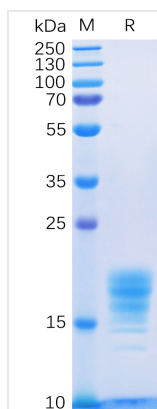

SDS-PAGE

Figure 1. Human IL5 Protein, His Tag on SDS-PAGE under reducing condition.

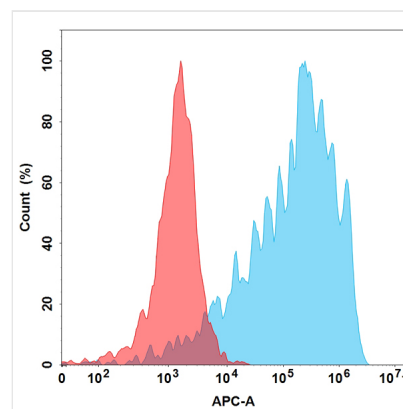

FCM/FACS (Flow Cytometry)

Figure 1. Human IL5 Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for IL5 recombinant protein	This gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. The encoded cytokine plays a major role in the regulation of eosinophil formation, maturation, recruitment and survival. The increased production of this cytokine may be related to pathogenesis of eosinophil-dependent inflammatory diseases. This cytokine functions by binding to its receptor, which is a heterodimer, whose beta subunit is shared with the receptors for interleukine 3 (IL3) and colony stimulating factor 2 (CSF2/GM-CSF). This gene is located on chromosome 5 within a cytokine gene cluster which includes interleukin 4 (IL4), interleukin 13 (IL13), and CSF2. This gene, IL4, and IL13 may be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504671
NCBI GeneID	3567
NCBI Accession #	NP_000870.1
NCBI GenBank Nucleotide #	NM_000879.2
UniProt Accession #	P05113; Q13840
Molecular Weight	15,238 Da
NCBI Official Full Name	interleukin-5
NCBI Official Synonym Full Names	interleukin 5
NCBI Official Symbol	IL5
NCBI Official Synonym Symbols	EDF; TRF; IL-5
NCBI Protein Information	interleukin-5; B-cell differentiation factor I; T-cell replacing factor; colony-stimulating factor, eosinophil; eosinophil differentiation factor
UniProt Protein Name	Interleukin-5
UniProt Gene Name	IL5
UniProt Synonym Gene Names	IL-5; TRF
UniProt Entry Name	IL5_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://www.aaabiotech.com/il5-recombinant-protein-hek293-wb-western-blot/47242>