

IL5 recombinant protein

Human IL5 Protein, hFc Tag

CATALOG #
AAA47358

HOST
HEK293 cells

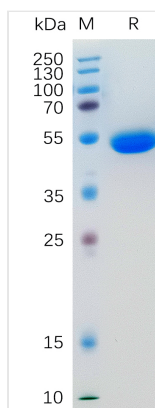
PRODUCT SYNONYMS

IL5; Human IL5 Protein; hFc Tag; IL-5; TRF; Interleukin-5; EDF; IL5 recombinant protein

PRODUCT SPECIFICATIONS

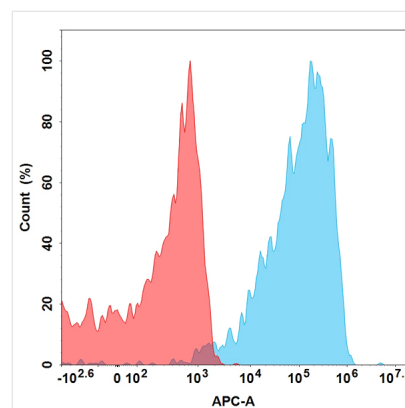
Host	HEK293 cells
Purity/Purification	>95%. Affinity purification
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	IL5(Ile20- Ser134)+hF c(Glu99-Al a330)
Origin	Human
Reconstitution	Reconstitute with deionized water
Tag	C-Human Fc tag
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



SDS-PAGE

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



FCM/FACS (Flow Cytometry)

Figure 1. Human IL5 Protein, hFc 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754336
NCBI GeneID	16191
NCBI Accession #	NP_034688.1
NCBI GenBank Nucleotide #	NM_010558.1
UniProt Accession #	P04401
Molecular Weight	15,410 Da
NCBI Official Full Name	interleukin-5
NCBI Official Synonym Full Names	interleukin 5
NCBI Official Symbol	IL5
NCBI Official Synonym Symbols	IL-5
NCBI Protein Information	interleukin-5; B-cell growth factor II; BCGF-II; T-cell replacing factor; TRF; cytotoxic T-lymphocyte inducer; eosinophil differentiation factor
UniProt Protein Name	Interleukin-5
UniProt Gene Name	IL5
UniProt Synonym Gene Names	IL-5; IL-5; BCGF-II; TRF
UniProt Entry Name	IL5_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il5-recombinant-protein-hek293-cells/47358>