

IL37 (IL1F7) Recombinant Protein | IL37 recombinant protein

Recombinant Human IL37 (IL1F7)

CATALOG #
AAA214287

HOST
E Coli

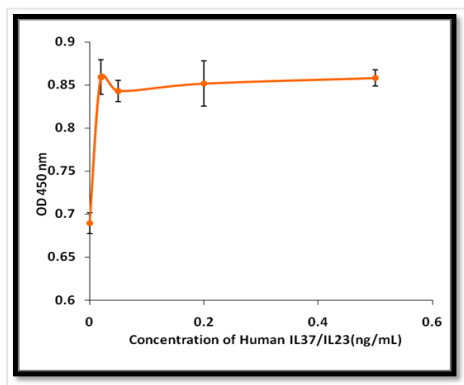
PRODUCT SYNONYMS

IL37 (IL1F7); Recombinant Human IL37 (IL1F7); IL-37; IL-23; FIL1 zeta; IL-1X; Interleukin-1 family member 7; IL-1F7; Interleukin-1 homolog 4; IL-1H; IL-1H4; Interleukin-1 zeta; IL-1 zeta; Interleukin-1-related protein; IL-1RP1; Recombinant Human Interleukin-37/Interleukin-23 (IL37/IL23); IL37 recombinant protein

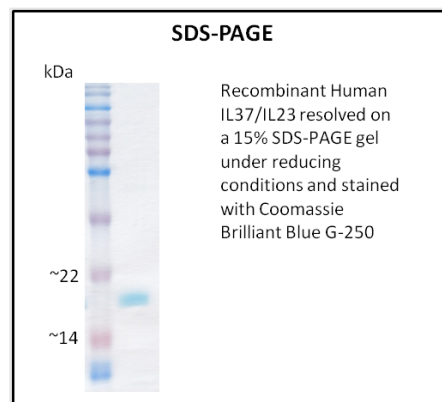
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS and DTT
Sequence Length	192
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	Reconstitute at 100 ug/mL in sterile PBS
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IL37 recombinant protein

Member of the IL-1 family, IL-37 functions to curb excessive inflammation. In partnership with SMAD3, IL-37 suppresses, or reduces, proinflammatory cytokine production, including IL1A and IL6, as well as CCL12, CSF1, CSF2, CXCL13, IL1B, IL23A and IL1RN, but spares anti-inflammatory cytokines. Out of the five isoforms for IL-37 (a-e), this product represents isoform B that is expressed in testis, colon, placenta, lung and lymph node similar to isoform A and C but is the only one found in kidneys.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894302
NCBI GeneID	27178
NCBI Accession #	NP_775297.1
NCBI GenBank Nucleotide #	NP_775297.1
UniProt Accession #	Q9NZH6
Molecular Weight	19.5 kDa
NCBI Official Full Name	interleukin-37 isoform 5
NCBI Official Synonym Full Names	interleukin 37
NCBI Official Symbol	IL37
NCBI Official Synonym Symbols	FIL1; FIL1Z; IL-1H; IL-37; IL1F7; IL1H4; IL-1F7; IL-1H4; IL1RP1; IL-1RP1; FIL1(ZETA)
NCBI Protein Information	interleukin-37
UniProt Protein Name	Interleukin-37
UniProt Gene Name	IL37
UniProt Synonym Gene Names	FIL1Z; IL1F7; IL1H4; IL1RP1; IL-1F7; IL-1H; IL-1H4; IL-1 zeta; IL-1RP1; IL-37
UniProt Entry Name	IL37_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/il37-recombinant-protein-e-coli/214287>