

IL36G active protein

Recombinant Human IL36G

CATALOG #
AAA214293

HOST
E Coli

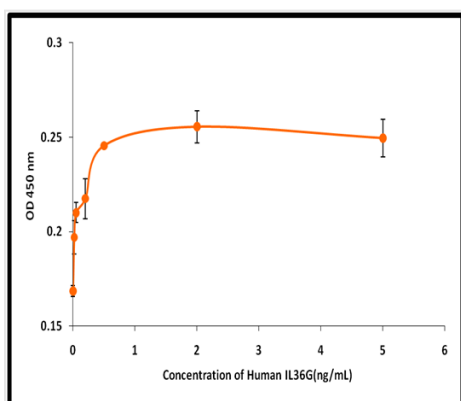
PRODUCT SYNONYMS

IL36G; Recombinant Human IL36G; IL1RP2; IL-1 epsilon; IL1F9; IL1H1; IL36G active protein

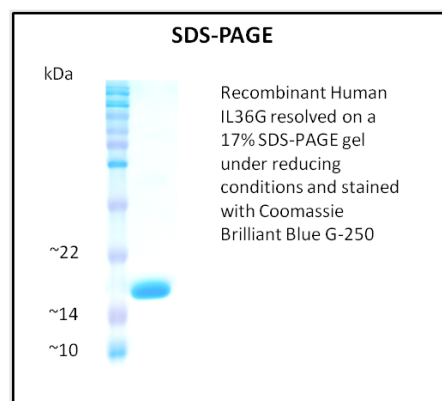
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in Tris and NaCl
Sequence Length	169
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of GieNo3B11 cells and was found to be <0.5ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
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 IL36G active protein	Human IL36G is a secreted member of the IL1 family, one of three IL36 genes in humans. The IL1 family members display a conserved 12 b-strand and a b-trefoil configuration, likely due to ascendance from a mutual ancestral gene. IL36G is expressed primarily in tissues containing epithelial cells, and is both intracellular and secreted. Its primary receptor appears to be a combination of IL-1rp2 and IL-1Racp, the first being primarily expressed on dendritic cells and the second being more widely expressed. Binding of IL36G ligands to this receptor is one of the factors which induces dendritic cell maturation. Its expression is also an agonist for pro-inflammatory cytokines through the NF-kB and Map kinase pathways. Recombinant human IL36G migrates as an 18.9 kDa protein on SDS-PAGE and shares approximately 52% sequence identity with mouse IL36G.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9665234
NCBI GeneID	56300
NCBI Accession #	NP_062564.1
NCBI GenBank Nucleotide #	NP_062564.1
UniProt Accession #	Q9NZH8
Molecular Weight	18.9 kDa
NCBI Official Full Name	interleukin-36 gamma isoform 1
NCBI Official Synonym Full Names	interleukin 36 gamma
NCBI Official Symbol	IL36G
NCBI Official Synonym Symbols	IL1E; IL1F9; IL1H1; IL-1F9; IL-1H1; IL1RP2; IL-1RP2
NCBI Protein Information	interleukin-36 gamma
UniProt Protein Name	Interleukin-36 gamma
UniProt Gene Name	IL36G
UniProt Synonym Gene Names	IL1E; IL1F9; IL1H1; IL1RP2; IL-1RP2; IL-1 epsilon; IL-1F9; IL-1H1
UniProt Entry Name	IL36G_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/il36g/214293>