

IL25 active protein

Recombinant Mouse IL25

CATALOG #
AAA214323

HOST
E Coli

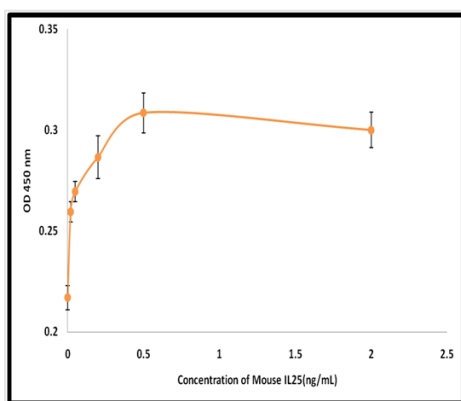
PRODUCT SYNONYMS

IL25; Recombinant Mouse IL25; UPF0556 protein; IL-25; Stromal cell-derived growth factor SF20; D17Wsu104e; IL25; Recombinant Mouse Interleukin-25 (IL25); IL25 active protein

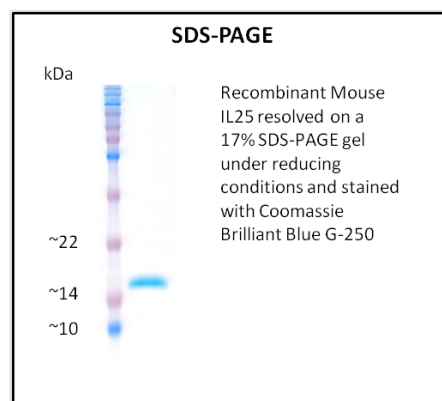
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from 0.2 um filtered solution in Tris and NaCl
Sequence Length	166
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of human umbilical vein endothelial 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	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 IL25 active protein

IL-25 (also known as IL-17E), a member of the IL-17 family, has been implicated in Th2 cell-mediated immunity. Recently, IL-25 has been identified as one of the initiators of the Th2 response (10, 11) and has also been shown to be expressed by mast cells. The transgenic overexpression of IL-25 by lung epithelial cells results in mucus hyperproduction and airway infiltration of macrophages and eosinophils; conversely, IL-25 blockade reduced airway inflammation and Th2 cytokine production in an allergen-induced asthma model.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18250288
NCBI GeneID	140806
NCBI Accession #	NP_543027.1
NCBI GenBank Nucleotide #	NP_543027.1
UniProt Accession #	Q9CPT4
Molecular Weight	16.0 kDa
NCBI Official Full Name	myeloid-derived growth factor
NCBI Official Synonym Full Names	interleukin 25
NCBI Official Symbol	IL25
NCBI Official Synonym Symbols	IL17e; IL-17e
NCBI Protein Information	interleukin-25
UniProt Protein Name	UPF0556 protein C19orf10 homolog
UniProt Gene Name	D17Wsu104e
UniProt Synonym Gene Names	IL25; IL-25
UniProt Entry Name	CS010_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.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/il25/214323>