

IL-17E Recombinant Protein | IL17E recombinant protein

Recombinant Mouse IL-17E Protein

CATALOG # AAA283369	HOST HEK293 cells
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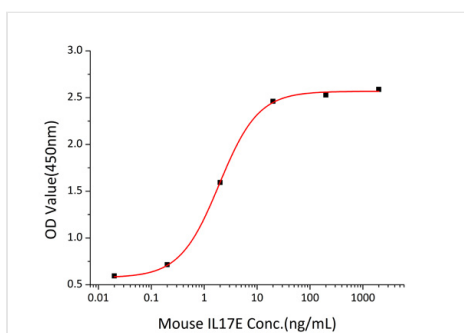
PRODUCT SYNONYMS

IL-17E; Recombinant Mouse IL-17E Protein; IL-25; IL17e; IL-17e; IL17E recombinant protein

PRODUCT SPECIFICATIONS

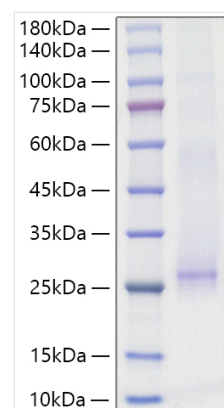
Host	HEK293 cells
Purity/Purification	>92% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	VSLRIQEGCS HLPSCCPSKE QEPPEEWLKW SSASVSPPEP LSHTHHAESC RASKDGPLNS RAISPWSYEL DRDLNRVPQD LYHARCLCPH CVSLQTGSHM DPLGNSVPLY HNQTVFYRRP CHGEEGTHRR YCLERRLYRV SLACVCVRPR VMA
Species	Mouse
Tag	N-His
Endotoxin	<0.01EU/ug
Bio-Activity	Measured by its ability to induce CXCL1/GRO alpha secretion in HT-29 human colon adenocarcinoma cells. The ED ₅₀ for this effect is 0.96-3.83ng/mL, corresponding to a specific activity of 2.61×10 ⁵ ~1.04×10 ⁶ units/mg.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Recombinant Mouse IL-17E induce CXCL1/GRO alpha secretion in HT-29 human colon adenocarcinoma cells. The ED₅₀ for this effect is 0.96-3.83 ng/mL, corresponding to a specific activity of 2.61×10⁵~1.04×10⁶ units/mg.



SDS-PAGE

Recombinant Mouse IL-17E Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 26 kDa.

ADDITIONAL INFORMATION

Related Product Information for IL17E recombinant protein	Interleukin-25 (IL-25) is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. IL-25 is a member of the IL-17 family of cytokines. However, unlike the other members of this family, IL-25 promotes T helper (Th) 2 responses. IL-25 also regulates the development of autoimmune inflammation mediated by IL-17-producing T cells. IL-25 and IL-17, being members of the same cytokine family, play opposing roles in the pathogenesis of organ-specific autoimmunity. IL-25 promotes cell expansion and Th2 cytokine production when Th2 central memory cells are stimulated with thymic stromal lymphopoietin (TSLP)-activated dendritic cells (DCs), homeostatic cytokines, or T cell receptor for antigen triggering. Elevated expression of IL-25 and IL-25R transcripts was observed in asthmatic lung tissues and atopic dermatitis skin lesions, linking their possible roles with exacerbated allergic disorders. A plausible explanation that IL-25 produced by innate effector eosinophils and basophils may augment the allergic inflammation by enhancing the maintenance and functions of adaptive Th2 memory cells had been provided.
Product Categories/Family for IL17E recombinant protein	Cytokines & Cytokine receptors; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	18141561
NCBI GeneID	140806
NCBI Accession #	NP_542767.1
NCBI GenBank Nucleotide #	NM_080729.3
UniProt Accession #	Q8VHH8
UniProt Protein Name	IL25
UniProt Gene Name	IL25
UniProt Entry Name	Q8VHH8_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://www.aaabiotech.com/il25-recombinant-protein-hek293-cells/283369>