

Active Recombinant Human IL25 Protein, His-tagged

Cat. No. IL25-11H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL-17E/IL-25 (33-177 aa), fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Human
Source	HEK293
ProteinLength	154
Description	The protein encoded by this gene 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. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants.
Form	Liquid
Bio-activity	Measured by its binding ability in a functional ELISA with Human IL-17 RB.
Molecular Mass	17.8 kDa
AA Sequence	YSHWPSCCPSKGQDTSEELLRWSTVPVPPLPARPNRHPESCRASEDGPLNSRAI SPWRYELDRDLNRLPQDLYHARCLCPHCVSLQTGSHMDPRGNSELLYHNQTVFYR

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	RPCHGEKGTHTKGYCLERRLYRVSLACVCVRPRVMG
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

GENE INFORMATION

Gene Name	IL25 interleukin 25 [Homo sapiens (human)]
Official Symbol	IL25
Synonyms	IL25; interleukin 25; IL17E; interleukin-25; interleukin-17E
Gene ID	64806
mRNA Refseq	NM_022789
Protein Refseq	NP_073626
MIM	605658

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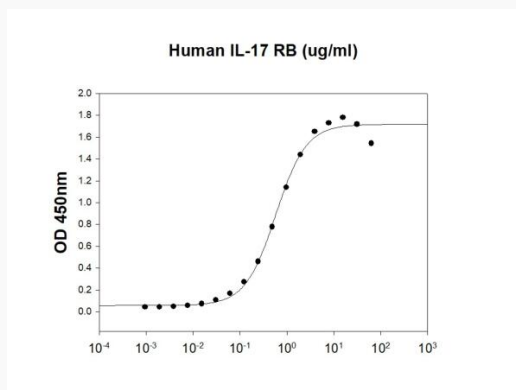
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UniProt ID

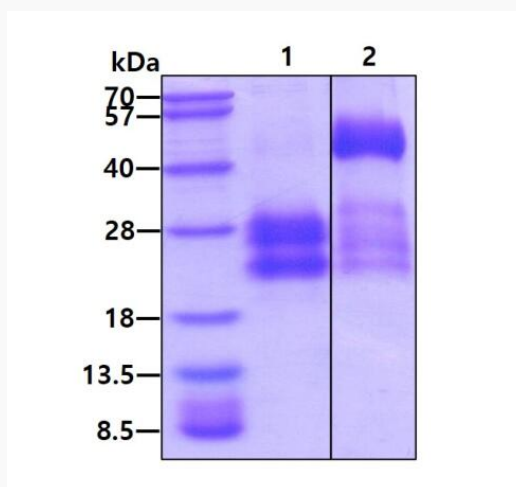
Q9H293

Biological Activity



Human IL-17E/IL-25 is coated at 2 µg/mL (100 µL/well) can bind Human IL-17 RB in a Functional ELISA assay.

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

Lane 1: reducing condition

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Lane 2: non-reducing condition

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