

IL25

Recombinant Mouse Interleukin-17E / IL-25, Animal Free

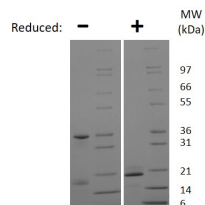
Catalog No.	CS319A-AF CS319B-AF CS319C-AF CS319D-AF	Quantity:	5 µg 25 µg 1 mg 100 µg
Alternate Names:	IL-25		
Description:	Interleukin-17E (IL-17E), also commonly called IL-25, is a pro-inflammatory cytokine member of a six-species family of proteins (IL-17A-17F). IL-17E binds to the IL-17RB receptor to stimulate the secretion of the proinflammatory interleukin 8 (IL-8) chemokine and to induce the activation of nuclear factor kappa-light-chain-enhancer of activated B cells (NF-κB).		
Gene ID:	140806		
UniProt ID:	Q8VHC9		
Source:	<i>E. coli</i> Manufactured without Animal-derived products, in an Animal Free facility.		
Molecular Weight:	17.6/35.2 kDa (154/308 aa) dimer		
Formulation:	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).		
Purity:	≥ 90% determined by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤ 1 EU/µg, by kinetic LAL analysis.		
Amino Acid Sequence:	MVSLRIQEGC SHLPSCCP SK EQEPPEEWLK WSSASVSPPE PLSHTHHAES CRASKDGPLN SRAISPWSYE LDRDLNRVPQ DLYHARCLCP HCVSLQTGSH MDPLGNSVPL YHNQTVFYRR PCHGEEGTHR RYCLERRLYR VSLACVCVRP RVMA		
Reconstitution:	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile 10 mM HCl at a concentration of 0.1 mg/mL before further dilution into other buffers can be made.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. Avoid repeated freeze-thaw cycles.		



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Mouse IL-17E Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse IL-17E is a homodimer with a predicted MW of 35.2 kDa (each monomer is 17.6 kDa).

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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