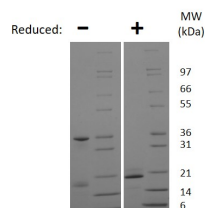


## IL25

### Recombinant Mouse Interleukin-17E / IL-25

<b>Catalog No.</b>	CS319A CS319B CS319C CS319D	<b>Quantity:</b>	5 µg 25 µg 1 mg 100 µg
<b>Alternate Names:</b>	IL-25		
<b>Description:</b>	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).		
<b>Gene ID:</b>	140806		
<b>UniProt ID:</b>	Q8VHC9		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	17.6/35.2 kDa (154/308 aa) dimer		
<b>Formulation:</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).		
<b>Purity:</b>	≥ 90% determined by reducing and non-reducing SDS-PAGE		
<b>Endotoxin Level:</b>	≤ 1 EU/µg, by kinetic LAL analysis.		
<b>Amino Acid Sequence:</b>	MVSLRIQEGC SHLPSCCPK EQEPPEEWLK WSSASVSPPE PLSHTHHAES CRASKDGPLN SRAISPWSYE LDRDLNRVPQ DLYHARCLCP HCVSLQTGSH MDPLGNSVPL YHNQTVFYRR PCHGEEGTHR RYCLERRLYR VSLACVCVRP RVMA		
<b>Reconstitution:</b>	<b>Centrifuge vial before opening.</b> 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 <b>10 mM HCl</b> at a concentration of 0.1 mg/mL before further dilution into other buffers can be made.		
<b>Storage &amp; Stability:</b>	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. <b>Avoid repeated freeze-thaw cycles.</b>		





#### 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).

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