

## GFM60AF Recombinant Mouse IL-17E / IL-25 (Animal-Free)

### Description

Interleukin-17E (IL-17E), also known as IL-25, is a member of the IL-17 family of cytokines. IL-17E binds to the IL-17BR 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-kappaB).

This product is produced with no animal derived raw products. All processing and handling employs animal free equipment and animal free protocols.

<b>Length</b>	154 / 308 aa
<b>Molecular Weight</b>	17.6 / 35.2 kDa
<b>Source</b>	E. coli
<b>Accession Number</b>	Q8VHC9
<b>Purity</b>	≥90% determined by reducing and non-reducing SDS-PAGE

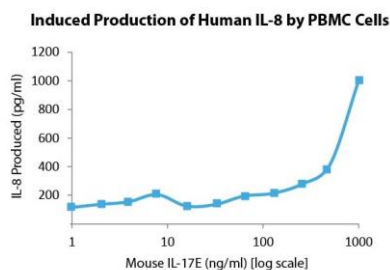
### Specifications

<b>Alternative Names</b>	Interleukin-17E, interleukin 17E, IL17E, IL 17E, Interleukin-25, interleukin 25, IL25, IL 25, IL-25
<b>Biological Activity</b>	Mouse IL-17E (Animal-Free) is fully biologically active when compared to standard. The activity is determined by the ability to produce human IL-8 by human PBMC cells.
<b>Endotoxin Level</b>	≤1.00 EU/μg as measured by kinetic LAL
<b>Formulation</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
<b>AA Sequence</b>	MVSLRIQEGC SHLPSCCPK EQEPPEEWLK WSSASVSPPE PLSHTHHAES CRASKDGPLN SRAISPWSYE LDRDLNRVPQ DLYHARCLCP HCVSLQTGSH MDPLGNSVPL YHNQTVFYRR PCHGEGGTHR RYCLERRLYR VSLACVCVRP RVMA

### Preparation and Storage

<b>Reconstitution</b>	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 0.1 mg/ml, which can be further diluted into other aqueous solutions.
<b>Stability and Storage</b>	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.

### Data



Induced IL-8 production by human PBMC cells when cultured with Mouse IL-17E.