

GFH149 Recombinant Human IL-17E / IL-25

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).

Length	146 / 292 aa
Molecular Weight	16.9 / 33.7 kDa
Source	E. coli
Accession Number	Q9H293
Purity	≥95% determined by reducing and non-reducing SDS-PAGE

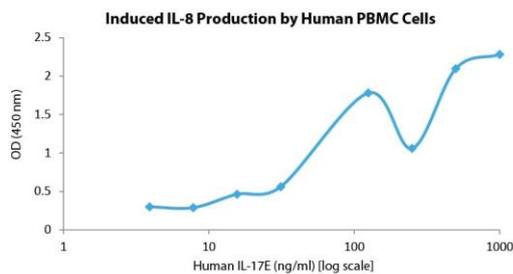
Specifications

Alternative Names	Insulin-like Growth Factor 1, somatomedin C, mechano growth factor, IGF-IA, IGF-IB, IGF-I, IGFI, insulin-like growth factor I, IGF1A1, insulin-like growth factor IA, insulin-like growth factor IB, MGF2, IBP1
Biological Activity	Human IL-17E is fully biologically active when compared to standard. The activity is determined by the ability to produce IL-8 by human PBMC cells.
Endotoxin Level	≤1.00 EU/μg as measured by kinetic LAL
Formulation	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
AA Sequence	MYSHWPSCCP SKGQDTSEEL LRWSTVPVPP LEPARPNRHP ESCRASEDGP LNSRAISPWR YELDRDLNRL PQDLYHARCL CPHCVSLQTG SHMDPRGNSE LLYHNQTVFY RRPCHGEKGT

Preparation and Storage

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 water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
Stability and Storage	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 Human IL-17E.