GFH179 Recombinant Human Eotaxin-3 / CCL26

Description

Eotaxin-3, also known as CCL26, is a chemokine that is made by vascular endothelial and lung epithelial cells following Interleukin-4 (IL-4) or Interleukin-13 (IL-13) stimulation. Eotaxin-3 signals through the G protein-coupled chemokine receptor CCR3 to recruit eosinophils and basophils to inflammatory sites.

Length	71 aa
Molecular Weight	8.4 kDa
Source	E. coli
Accession Number	Q9Y258
Purity	≥95% determined by reducing and non-reducing SDS-PAGE

Specifications

Alternative Names	CCL26, MIP-4 α, TSC-1, eotaxin3, eotaxin 3
Biological Activity	Human Eotaxin-3 is fully biologically active when compared to standard. The activity is determined by the ability to induce chemotaxis of cell lines expressing CCR3. There is no data currently available.
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	`TRGSDISKTC CFQYSHKPLP WTWVRSYEFT SNSCSQRAVI FTTKRGKKVC THPRKKWVQK YISLLKTPKQ L`

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.