

Product: **Recombinant Human Eotaxin-3 (CCL26)**
Cat #: 300-218P
Powder

Description	Eotaxin 3 (also CCL26, MIP-4 alpha or TSC-1) is a chemokine that is made by a variety of cells stimulated by IL-4 or IL-13. Eotaxin signals through the GPCR, CCR3, and acts to recruit eosinophils and basophils. Alternate names: CCL26, MIP-4 alpha, TSC-1
MW	Non-glycosylated protein, containing 71 amino acids, with a molecular weight of 8.4 kDa.
Physical Appearance	Sterile filtered white lyophilized (freeze-dried) powder.
Source	<i>E. coli</i>
Formulation	Lyophilized from a sterile filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
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 a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.
Stability	Lyophilized product is very stable at -20°C. Reconstituted material should be aliquoted and frozen at -20°C. It is recommended that a carrier protein (0.1% HSA or BSA) is added for long term storage.
Biological Activity	The activity can be determined by its ability to induce chemotaxis of cell lines expressing CCR3.
Endotoxin Level	Measured by kinetic LAL analysis and is typically < 0.05 EU/μg protein.
AA Sequence	TRGSDISKTC CFQYSHKPLP WTWVRSYEFT SNSCSQRAVI FTTKRGKKVC THPRKKWVQK YISLLKTPKQ L

Purity greater than 97% determined by Reducing and Non-reducing SDS-PAGE.

Protein content determined by Reducing and Non-reducing SDS-PAGE.

THIS PRODUCT IS FOR RESEARCH USE ONLY AND IS NOT FOR USE IN HUMANS!