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32-12040: Human Eotaxin (CCL11)

Gene : CCL11
Gene ID : 6356
Uniprot ID : P51671
Alternative Name : Â CXCL5, Epithelial-derived neutrophil-activating protein 78Â Â Â Â Â Â Â Â Â Â Â Â Â Â

Description

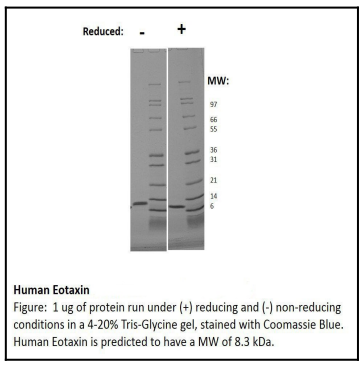
Source: Genetically modified E.coli.
Predicted MW: Monomer, 8.4 kDa (74 aa)
Eotaxin, also known as Eotaxin-1 and CCL11, is a chemokine that recruits eosinophils to sites of allergic inflammation. Eotaxin signals through the G protein-coupled chemokine receptors CCR2, CCR3, and CCR5. Eotaxin also negatively regulates adult neurogenesis, and high Eotaxin levels are associated with impaired learning and memory.

Product Info

Amount :	20 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	GPASVPTTCC FNLANRKIPL QRLESYRRIT SGKCPQKAVI FKTKLAKDIC ADPKKKWVQD SMKYLDQKSP TPKP

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.



Human Eotaxin
Figure: 1 ug of protein run under (+) reducing and (-) non-reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human Eotaxin is predicted to have a MW of 8.3 kDa.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.