

Product datasheet for TP304726

Eotaxin (CCL11) (NM_002986) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 11 (CCL11), full length, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204726 protein sequence Red=Cloning site Green=Tags(s)
	MKVSAALLWLLIIAAAFSPQGLAGPASVPTTCCFNLANRKIPLQRLESYRRITSGKCPQKAVIFKTKLAK DICADPKKKWVQDSMKYLDQKSPTPKP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	Myc-DDK
Predicted MW:	10.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002977
Locus ID:	6356
UniProt ID:	P51671 , Q6I9T4
RefSeq Size:	925
Cytogenetics:	17q12
RefSeq ORF:	291



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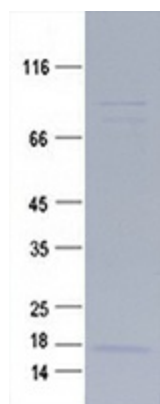
Synonyms: SCYA11

Summary: This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil-specific chemokine is thought to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. [provided by RefSeq, Sep 2014]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Asthma, Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway

Product images:



Purified recombinant protein CCL11 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.