

Product Information

Product SKU:	RPES8052	Expression Host:	E.coli	Size:	20µg
Tag:	N-Sumo	Reactivity:	Human	Accession:	P51671

Additional Information

Calculated MW:	24.1 kDa	Observed MW:	28 kDa
Sequence:	Gly24-Pro97		

Protein Information

Background: 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.

Synonyms: C-C motif chemokine 11, CCL 11, CCL11, CCL11, chemokine (C-C motif) ligand 11, Chemokine C C motif ligand 11, Chemokine CC Motif Ligand 11, Chemokine ligand 11, Eosinophil chemotactic protein, Eotaxin, eotaxin-1, MGC22554, SCYA 11, SCYA11, Small inducible cytokine A11, Small inducible cytokine subfamily A (Cys Cys) member 11, small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin), Small inducible cytokine subfamily A member 11, Small-inducible cytokine A11

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage:

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.