

RPES8033

Product Information

Product SKU:	RPES8033	Expression Host:	E.coli	Size:	20µg
Tag:	N-Trx	Reactivity:	Human	Accession:	P42830

Additional Information

Calculated MW:	28 kDa	Observed MW:	30 kDa
Sequence:	Ala37-Asn114		

Protein Information

Background: CXCL5 (C-X-C Motif Chemokine Ligand 5) is a Protein Coding gene. Diseases associated with an CXCL5 include Pediatric Ulcerative Colitis and Acute Cervicitis. Among its related pathways are Peptide ligand-binding receptors and Chemokine Superfamily Pathway: Human/Mouse Ligand-Receptor Interactions. GO annotations related to this gene include chemokine activity and CXCR chemokine receptor binding. An important paralog of this gene is CXCL6. This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils, to promote angiogenesis and to remodel connective tissues. This protein is thought to play a role in cancer cell proliferation, migration, and invasion.

Synonyms: AMCFII, C-X-C motif chemokine 5, C-X-C motif chemokine ligand 5, chemokine (C-X-C motif) ligand 5, Cxcl5, CXCL5, ENA 78, ENA-78 (8-78), ENA-78(1-78), ENA-78(9-78), ENA78, Epithelial derived neutrophil activating protein 78, Epithelial-derived neutrophil-activating protein 78, Lipopolysaccharide-induced CXC chemokine, Neutrophil activating peptide ENA 78, Neutrophil-activating peptide ENA-78, neutrophil-activating protein 78, SCYB5, Small inducible cytokine B5, small inducible cytokine subfamily B (Cys-X-Cys), member 5 (epithelial-derived neutrophil-activating

peptide 78), small inducible cytokine subfamily B, member 5, Small-inducible cytokine B5

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.