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Datasheet for ABIN7455662 CXCL5 Protein

Overview

Quantity:	50 µg
Target:	CXCL5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human C-X-C Motif Chemokine 5 is produced by our E.coli expression system and the target gene encoding Leu44-Asn114 is expressed.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CXCL5
Alternative Name:	CXCL5 (CXCL5 Products)
Background:	C-X-C Motif Chemokine 5, ENA-78 (1-78), Epithelial-Derived Neutrophil-Activating Protein 78, Neutrophil-Activating Peptide ENA-78, Small-Inducible Cytokine B5, ENA-78 (8-78), ENA-78 (9-78), CXCL5, ENA78, SCYB5C-X-C Motif Chemokine 5 (CXCL5) is a member of the Interchrine Alpha (Chemokine CXC) family. CXCL5 can be cleaved into the following two chains, ENA-78 (8-78) and ENA-78 (9-78). In vitro, ENA-78(8-78) and ENA-78 (9-78) show a threefold higher chemotactic activity for neutrophil granulocytes. CXCL5 is a secreted protein and exercises the functions primarily through interactions with CXCR2. The upregulation of CXCL5 contributes to

Target Details

increased vascularization, tumor grown, and metastasis in many cancers.

Molecular Weight: 7.95 KDa

UniProt: [P42830](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: a 0.2 µm filtered solution of 20 mM PB, pH 6.0.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months