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Datasheet for ABIN6720062 CXCL5 ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	CXCL5
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: AMCF II, AMCFII, C X C motif chemokine 5, Chemokine (C X C motif) ligand 5, CXCL
	5, ENA 78, ENA78, Epithelial derived neutrophil activating protein 78, GCP 2, LIX, Neutrophil
	activating peptide ENA 78, Neutrophil activating protein 78, SCYB5, Scyb6, 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 15
	Background: C-X-C motif chemokine 5 is a protein that in humans encoded by the CXCL5 gene.
	The protein encoded by this gene, CXCL5 is a small cytokine belonging to the CXC chemokine
	family that is also known as epithelial-derived neutrophil-activating peptide 78(ENA-78). It is

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6720062 | 09/10/2023 | Copyright antibodies-online. All rights reserved. produced following stimulation of cells with the inflammatory cytokines interleukin-1or tumor necrosis factor-alpha. Expression of CXCL5 has also been observed in eosinophils, and can be inhibited with the type II interferon IFN-gamma. This chemokine stimulates the chemotaxis of neutrophils possessing angiogenic properties. It elicits these effects by interacting with the cell surface chemokine receptor CXCR2. The gene for CXCL5 is encoded on four exons and is located on humanchromosome 4 amongst several other CXC chemokine genes. CXCL5 has been implicated in connective tissue remodeling. CXCL5 plays a role in reducing sensitivity to sunburn pain in some subjects, and is a potential target which can be utilized to understand more about pain in other inflammatory conditions like arthritis and cystitis. Gene Name: CXCL5

Production: Natural and recombinant mouse CXCL5. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: V45-A118

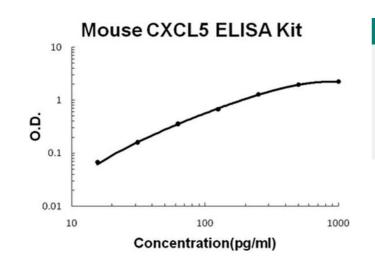
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Target:	CXCL5
Alternative Name:	CXCL5 - ENA-78 (CXCL5 Products)
Gene ID:	20311
NCBI Accession:	NP_033167
UniProt:	P50228
Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity
Application Details	
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL,
	15.6pg/mL mouse CXCL5 standard solutions into the precoated 96-well plate. Add 0.1 mL of
	the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of mouse cell culture supernates, serum or plasma(heparin, EDTA, citrate) to each
	empty well. It is recommended that each mouse CXCL5 standard solution and each sample be
	measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 15.6pg/mL-1000pg/mL
Sample Volume:	100 μL

Target Details

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Application Details	
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C

Images



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Image 1. Mouse CXCL5/ENA-78 Accusignal ELISA Kit Mouse CXCL5/ENA-78 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <10pg/ml.

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