Product datasheet for TP723063

Cxcl16 (NM_023158) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 16 (Cxcl16).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	NQGSVAGSCS CDRTISSGTQ IPQGTLDHIR KYLKAFHRCP FFIRFQLQSK SVCGGSQDQW VRELVDCFER KECGTGHGKS FHHQKHLP
Tag:	Tag Free
Predicted MW:	9.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract murine lymphocytes using a concentration of 20-1000 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_075647
Locus ID:	66102
UniProt ID:	Q8BSU2, A2CFE9
RefSeq Size:	2448
Cytogenetics:	11 B3
RefSeq ORF:	741
Synonyms:	0910001K24Rik; AV290116; b2b498Clo; BB024863; CXCL16v1; CXCL16v2; SR-PSOX; Zmynd15

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Summary: Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo. Also acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis.[UniProtKB/Swiss-Prot Function]

Product images: