

Product datasheet for **TP723256**

Cxcl11 (NM_019494) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 11 (Cxcl11), transcript variant 1.
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	FLMFKQGRCL CIGPGMKAVK MAEIEKASVI YPSNGCDKVE VIVTMKAHKR QRCLDPRSKQ ARLIMQAIEK KNFLRRQNM
Tag:	Tag Free
Predicted MW:	9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract murine CXCR3 transfected HEK/293 cells using a concentration range of 10.0-100.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_062367
Locus ID:	56066
UniProt ID:	Q9JHH5
RefSeq Size:	1597
Cytogenetics:	5 E2
RefSeq ORF:	300
Synonyms:	b-R1; betaR1; Cxc11; H174; I-tac; Ip9; Itac; Scyb9b; Scyb11



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Summary:

Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses (By similarity).[UniProtKB/Swiss-Prot Function]