

Datasheet for ABIN7320505 **CXCL9 Protein**



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Overview

Quantity:	100 µg
Target:	CXCL9
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse CXCL9 Protein
Sequence:	Thr22-Thr126
Characteristics:	Recombinant Mouse C-X-C Motif Chemokine 9 is produced by our E.coli expression system and the target gene encoding Thr22-Thr126 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CXCL9
Alternative Name:	CXCL9 (CXCL9 Products)
Background:	Background: Chemokine (C-X-C motif) ligand 9 (CXCL9, MIG), is a small cytokine belonging to the CXC chemokine family. CXCL9 functions as one of the three ligands of chemokine receptor CXCR3 which is a G protein-coupled receptor found predominantly on T cells. It together with CXCL10 and CXCL11, may activate CXCR3 by binding to it. CXCL9 serves as a cytokine that

Target Details

affects the growth, movement, or activation state of cells that participate in immune and inflammatory response. It has been observed that tumour endothelial cells secrete high levels of CXCL9 in all, and CXCL10 in most melanoma metastases. it plays an important role in CD4+ T lymphocyte recruitment and development of CAV, MOMA-2+ macrophages are the predominant recipient-derived source of CXCL9, and recipient CD4 lymphocytes are necessary for sustained CXCL9 production and CAV development in this model.

Synonym: C-X-C motif chemokine 9,Cxcl9,Gamma-interferon-induced monokine,Monokine induced by interferon-gamma,MIG,Small-inducible cytokine B9,Scyb9

Molecular Weight:	12.3 kDa
UniProt:	P18340

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.