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Datasheet for ABIN7318362 CXCL9 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CXCL9
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL9 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CXCL9 Protein (His Tag)
Sequence:	Thr 23-Thr125
Characteristics:	Recombinant Human C-X-C Motif Chemokine 9 is produced by our Mammalian expression system and the target gene encoding Thr23-Thr125 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing 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) belongs to the intercrine alpha (chemokine CXC) family. It is secreted by interferon stimulated monocytes, macrophages and

Target Details

endothelial cells, which elicits chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 acts as a Th1 (type 1 helper T) cell chemoattractant and plays a role in the growth, activation and movement of cells associated with immune and inflammatory responses, and in tumour growth inhibition. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4.

Synonym: C-X-C Motif Chemokine 9, Gamma-Interferon-Induced Monokine, Monokine Induced by Interferon-Gamma, HuMIG, MIG, Small-Inducible Cytokine B9, CXCL9, CMK, MIG, SCYB9

Molecular Weight:	12.8 kDa
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UniProt:	Q07325
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
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Storage:	4 °C,-20 °C,-80 °C
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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.
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