

Datasheet for ABIN7562598
CXCR3 Protein (AA 1-367) (His tag)



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Overview

Quantity:	1 mg
Target:	CXCR3
Protein Characteristics:	AA 1-367
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCR3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cxcr3 Protein expressed in mammalian cells.
Sequence:	MYLEVSRQV LDASDFALL ENSTSPYDYG ENESDFSDSP PCPQDFSLNF DRTFLPALYS LLFLLGLLGN GAVAAVLLSQ RTALSSTDTF LLHLAVADVL LVLTLPLWAV DAAVQWVFGP GLCKVAGALF NINFYAGAFI LACISFDRYL SIVHATQIYR RDPRVRVALT CIVVWGLCLL FALPDFIYLS ANYDQRLNAT HCQYNFPQVG RTALRVLQLV AGFLLPLLVM AYCDAHILAV LLVSRGQRRF RAMRLVWWW AFAVCWTPY HLVVLDILM DVGVLARNCG RESHVDVAKS VTSGMGYMHCLNPLLYAFV GVKFREQMWM LFTRLGRSDQ RGPQRQPSSS RRESSWSETT EASYLGL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	Key Benefits:
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Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CXCR3
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Alternative Name:	Cxcr3 (CXCR3 Products)
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Background:	C-X-C chemokine receptor type 3 (CXC-R3) (CXCR-3) (Interferon-inducible protein 10 receptor) (IP-10 receptor) (CD antigen CD183),FUNCTION: Receptor for the C-X-C chemokine CXCL9, CXCL10 and CXCL11 and mediates the proliferation, survival and angiogenic activity of mesangial cells through a heterotrimeric G-protein signaling pathway. Probably promotes cell chemotaxis response (By similarity). Binds to CCL21. {ECO:0000250, ECO:0000269 PubMed:9653165, ECO:0000269 PubMed:9790904}.
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Molecular Weight:	41.0 kDa
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UniProt:	O88410
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months