

Datasheet for ABIN7558481
CXCR1 Protein (AA 1-351) (His tag)



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Overview

Quantity:	1 mg
Target:	CXCR1
Protein Characteristics:	AA 1-351
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCR1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cxcr1 Protein expressed in mammalian cells.
Sequence:	<p>MAEAEYFIWT NPEGDFEKEF GNITGMLPTG DYFIPCKRVP ITNRQALVVF YALVSLLSLL GNSLVMLVIL YRRRTRSVMD VYVLNLAID LLFSLTLPFL AVSKLKGWIF GTPLCKMVSL LKEFNFFSGI LLLACISVDR YLAIVHATRT LARKRYLVKF VCVGIWGLSL ILSLPFAIFR QAYKPFRSGT VCYEVLGEAT TDFRMTLRGL SHIFGFLPL LTMLVCYGLT LRMLFKTHMR QKHRAMGVIF AVVLVFLCC LPYNLVLLSD TLLGAHLIED TCERRNDIDQ ALYITEILGF SHSCLNPIY AFVGQNFRE FLKILANHGL VRKEVLTHRR VAFHTSLTAI Y Sequence without tag.</p> <p>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.</p>
Characteristics:	Key Benefits:

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:	CXCR1
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Alternative Name:	Cxcr1 (CXCR1 Products)
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Background:	C-X-C chemokine receptor type 1 (CXC-R1) (CXCR-1) (High affinity interleukin-8 receptor A) (IL-8R A) (CD antigen CD181),FUNCTION: Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. {ECO:0000250 UniProtKB:P25024}.
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Molecular Weight:	40.0 kDa
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UniProt:	Q810W6
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Pathways:	cAMP Metabolic Process
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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