

Datasheet for ABIN7561688
SIGIRR Protein (AA 1-409) (His tag)



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Overview

Quantity:	1 mg
Target:	SIGIRR
Protein Characteristics:	AA 1-409
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGIRR protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sigirr Protein expressed in mammalian cells.
Sequence:	<p>MAGVCDMAPN FLSPSEDQAL GLALGREVAL NCTAWVFSRP QCPQPSVQWL KDGLALGNGS HFSLHEDFWV SANFSEIVSS VLVNLNTNAE DYGTFTCSVW NVSSHSTLW RAGPAGHVAA VLASLLVLVV LLLVALLYVK CRLNMLLWYQ DTYGEVEMND GKLYDAYVSY SDCPEDRK FV NFILKPQLER RRGYKLFLED RDLLPRAEPS ADLLVNLSRC RRLIVLSDA FLSRPWCSQS FREGLCRLLE LTRRPIFITF EGQRREPIHP ALRLLRQHRH LVTLVLWKPG SVTPSSDFWK ELQLALPRKV QYRPVEGDPQ TRLQDDKDPM LIVRGAAQG RGMESLDPD PEGDLGVRGP VFGEPTPLQ ETRICIGESH GSEMDVSDLG SRNYSARTDF YCLVSEDDV 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<div><div>Key Benefits:</div><ul style="list-style-type: none">• 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).<p>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.</p><p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p><p>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.</p></div>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SIGIRR
Alternative Name:	Sigirr (SIGIRR Products)
Background:	<p>Single Ig IL-1-related receptor (Single Ig IL-1R-related molecule) (Single immunoglobulin domain-containing IL1R-related protein) (Toll/interleukin-1 receptor 8) (TIR8),FUNCTION: Acts as a negative regulator of the Toll-like and IL-1R receptor signaling pathways. Attenuates the recruitment of receptor-proximal signaling components to the TLR4 receptor, probably through an TIR-TIR domain interaction with TLR4. Through its extracellular domain interferes with the heterodimerization of IL1R1 and IL1RAP (By similarity). {ECO:0000250, ECO:0000269 PubMed:12925853}.</p>
Molecular Weight:	46.2 kDa
UniProt:	Q9JLZ8
Pathways:	Toll-Like Receptors Cascades

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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