

Datasheet for ABIN7549543

Macrophage Scavenger Receptor 1 Protein (MSR1) (AA 1-451) (His tag)



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Overview

Quantity:	1 mg
Target:	Macrophage Scavenger Receptor 1 (MSR1)
Protein Characteristics:	AA 1-451
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Macrophage Scavenger Receptor 1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MSR1 Protein expressed in mammalian cells.
Sequence:	<p>MEQWDHFHNQ QEDTDSCSES VKFDARSM TA LLPPNPKNSP SLQEKLKSFK AALIALYLLV FAVLIPLIGI VAAQLLKWET KNCSVSSTNA NDITQSLTGK GNDSEEEMRF QEVFMEHMSN MEKRIQHILD MEANLMDTEH FQNFSMTTDQ RFNDILLQLS TLFSSVQGHG NAIDEISKSL ISLNTTLLDL QLNIE NLNGK IQENTFKQQE EISKLEERVY NVSAEIMAMK EEQVHLEQEI KGEVKVLNNI TNDLRLKDWE HSQTLRNITL IQGPPGPPGE KGDRGPTGES GPRGFPGPIG PPGLKGDRGA IGFPGSRGLP GYAGRPGNSG PKGQKGEKGS GNTLTPFTKV RLVGGSGPHE GRVEILHSGQ WGTICDDRWE VRVGQVVCRS LGYPGVQAVH KAAHFGQGTG PIWLNEVFCF GRESSIEECK IRQWGTRACS HSEDAGVTCT L 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

Macrophage Scavenger Receptor 1 (MSR1)

Alternative Name:

MSR1 ([MSR1 Products](#))

Background:

Macrophage scavenger receptor types I and II (Macrophage acetylated LDL receptor I and II) (Scavenger receptor class A member 1) (CD antigen CD204),FUNCTION: Membrane glycoproteins implicated in the pathologic deposition of cholesterol in arterial walls during atherogenesis. Two types of receptor subunits exist. These receptors mediate the endocytosis of a diverse group of macromolecules, including modified low density lipoproteins (LDL) (PubMed:2251254). Isoform III does not internalize acetylated LDL (PubMed:9548586). {ECO:0000269|PubMed:2251254, ECO:0000269|PubMed:9548586}.

Molecular Weight:

49.8 kDa

UniProt:

[P21757](#)

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.

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
