

Datasheet for ABIN7275296

Macrophage Scavenger Receptor 1 Protein (MSR1) (AA 77-451) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Macrophage Scavenger Receptor 1 (MSR1)
Protein Characteristics:	AA 77-451
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:	Human MSR1 Protein
Sequence:	Lys77-Leu451
Characteristics:	Recombinant Human MSR1 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Lys77-Leu451.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Macrophage Scavenger Receptor 1 (MSR1)
Alternative Name:	MSR1 (MSR1 Products)

Target Details

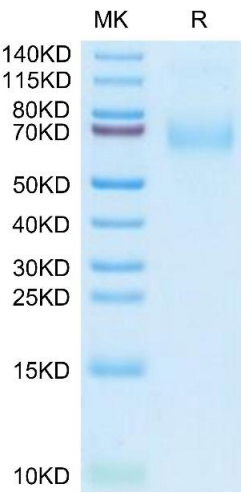
Background:	The macrophage scavenger receptor 1 (Msr1, also called SRA) is a pattern recognition receptor primarily expressed on myeloid cells, which plays an important role in the maintenance of immune homeostasis. Msr1 promotes the pathogenesis of virus-induced FH by enhancing induction of neutrophil NETosis and subsequent complement activation. Targeting Msr1 may be employed as a new immunotherapeutic strategy for FH.
Molecular Weight:	42.39 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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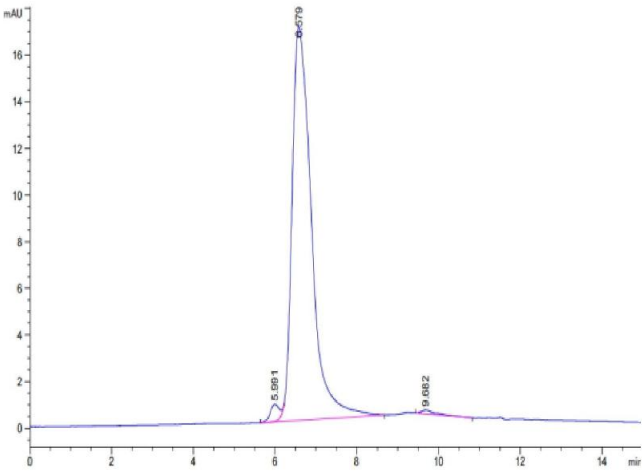
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human MSR1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human MSR1 is greater than 95 % as determined by SEC-HPLC.