

## Product datasheet

# Recombinant Human Macrophage Scavenger Receptor I protein ab169883

### Overview

<b>Product name</b>	Recombinant Human Macrophage Scavenger Receptor I protein
<b>Protein length</b>	Protein fragment

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">P21757</a>
<b>Species</b>	Human
<b>Sequence</b>	<p>MASMTGGQQMGRGHHHHHHGNYFQGGEKWETKNC  SVSSTNANDITQSLT  GKGNDSEEEEMRFQEVFMEHMSNMEKRIQHILDMEAN  LMDTEHFQNF SMTT  DQRFNDILLQLSTLFSSVQGHGNAIDEISKSLISLNTLL  DLQLNIENLN  GKIQENTFKQQEEISKLEERVYNVSAEIMAMKEEQVHL  EQEIKGEVKVLN  NITNDLRLKDWEHSQTLRNITLIQGPPGPPGEKGD RGP  TGESGPRGFPGP  IGPPGLKGD RGAIGFPGSRGLPGYAGRPGNSGPKGQK  GEKGSNTLTPFT  KVRLVGGSGPHEGRVEILHSGQWGTICDDRWEVRVG  QVVC RSLGYPGVQA  VHKA AHFGQGTGPIWLN EVFCFGRESSIEECKIRQWG  TRACSHSEDAGVT CTL</p>
<b>Molecular weight</b>	44 kDa including tags
<b>Amino acids</b>	77 to 451
<b>Tags</b>	His-T7 tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab169883** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	>90% by SDS-PAGE. ab169883 was expressed in E.coli as inclusion bodies, then refolded using "temperature shift inclusion body refolding" technology, chromatographically purified and sterile-filtered.
<b>Form</b>	Liquid

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## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -80°C. pH: 8.00 Constituent: 0.32% Tris HCl Note: contains NaCl, KCl, EDTA, arginine, DTT and Glycerol.
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## General Info

<b>Function</b>	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). Isoform III does not internalize acetylated LDL.
<b>Tissue specificity</b>	Isoform I, isoform II and isoform III are expressed in monocyte-derived macrophages.
<b>Sequence similarities</b>	Contains 1 collagen-like domain. Contains 1 SRCR domain.
<b>Cellular localization</b>	Membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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