

MSR1 recombinant protein

MSR1, 77-451aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48896	HOST E Coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

MSR1; 77-451aa; Human; His tag; E Coli (Denatured); Macrophage scavenger receptor types I and II isoform type 1; CD204; phSR1; phSR2; SCARA1; SR-A; SRA; MSR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid, In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSKWETKNC SVSSTNANDI TQSLTGKND SEEEMRFQEV FMEHMSNMEK RIQHILDMEA NLMDTEHFQN FSMTTDQRFN DILLQLSTLF SSVQGHGNAI DEISKSLISL NTTLLDLQLN IENLNGKIQE NTFKQQEEIS KLEERVYNVS AEIMAMKEEQ VHLEQEIKGE VKVLNNITND LRLKDWEHSQ TLRNITLIQG PPGPPGEKGD RGPTGESGPR GFPGPIGPPG LKGDRAIGF PGSRGLPGYA GRPGNSGPKG QKGEKGSNT LTPFTKVRLV GGSGPHEGRV EILHSGQWGT ICDDRWEVRV GQVVCRLGY PGVQAVHKAA HFGQGTGPIW LNEVFCFGRE SSIEECKIRQ WGTRACSHSE DAGVTCTL
Sequence Length	451
Applicable Applications for MSR1 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	77-451aa
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Can be stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for MSR1 recombinant protein	MSR1 also known as macrophage scavenger receptor types I and II, belong to the class A macrophage scavenger receptors, which include three different types (1, 2, 3) generated by alternative splicing. These receptors or isoforms are macrophage-specific trimeric integral membrane glycoproteins and have been implicated in many macrophage-associated physiological and pathological processes including atherosclerosis, Alzheimer's disease, and host defense. Recombinant human MSR1, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for MSR1 recombinant protein	Immunology
References	Dansako H., et al. (2013) PLoS Pathog. 9 (5), E1003345

NCBI AND UNIPROT INFORMATION

NCBI GI #	20357512
NCBI GeneID	4481
NCBI Accession #	NP_619729
NCBI GenBank Nucleotide #	NM_138715.2
UniProt Accession #	P21757; O60505; P21759; Q45F10; D3DSP3
Molecular Weight	43.7kDa (398aa)
NCBI Official Full Name	macrophage scavenger receptor types I and II isoform type 1
NCBI Official Synonym Full Names	macrophage scavenger receptor 1
NCBI Official Symbol	MSR1
NCBI Official Synonym Symbols	SRA; SR-A; CD204; SR-AI; phSR1; phSR2; SCARA1; SR-AII; SR-AIII
NCBI Protein Information	macrophage scavenger receptor types I and II
UniProt Protein Name	Macrophage scavenger receptor types I and II
UniProt Gene Name	MSR1
UniProt Synonym Gene Names	SCARA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/msr1-recombinant-protein-e-coli-sds-page/48896>