

Recombinant Human MSR1 protein, T7/His-tagged

Cat. No. MSR1-44H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD204 extracellular domain cDNA (77 - 451 aa, Isoform II, derived from BC063878) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	77-451 a.a.
Form	0.25 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGGQMGRGHHHHHGNLYFQGGEKWETKNCSVSSTNANDITQSLTGKG NDSEEMRFQEVFMEHMSNMEK RIQHILDMEANLMDTEHFQNFSMTTDQRFNDIL LQLSTLFSSVQGHGNAIDEISKSLISLNTTLLDLQLNIENLN GKIQENTFKQQEEISKLE ERVYNVSAEIMAMKEEQVHLEQEIKGEVKVLNNITNDLRLKDWEHSQTLRNITLIQG PPGPPGEKGDRGPTGESGPRGFPGPIGPPGLKGDRGAIGFPGSRGLPGYAGRPGN SGPKGQKGEKSGNLTLPFT KVRLVGGSGPHEGRVEILHSGQWGTICDDRWEVR VGQVVCRLSLGYPGVQAVHKAHFGQGTGPIWLNEVFCFGRE SSIEECKIRQWGTR ACSHSEDAGVTCTL
Purity	>90% by SDS-PAGE
Applications	1. May be used as coating or soluble factor for in vitro human CD204 mediated

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macrophage scavenger receptor activities regulation study.2. May be used for protein-protein interaction assay development.3. As antigen for specific antibody production.

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION
Gene Name

[MSR1 macrophage scavenger receptor 1 \[Homo sapiens \]](#)

Official Symbol

[MSR1](#)

Synonyms

MSR1; macrophage scavenger receptor 1; macrophage scavenger receptor types I and II; CD204; SCARA1; scavenger receptor class A member 1; scavenger receptor class A, member 1; macrophage scavenger receptor type III; macrophage acetylated LDL receptor I and

Gene ID

[4481](#)

mRNA Refseq

[NM_138716](#)

Protein Refseq

[NP_619730](#)

MIM

[153622](#)

UniProt ID

[P21757](#)

**Chromosome
Location**

8p22

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Pathway	Phagosome, organism-specific biosystem; Phagosome, conserved biosystem;
Function	low-density lipoprotein particle binding; protein binding; receptor activity; scavenger receptor activity;

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