9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MSR1 Human

Macrophage Scavenger Receptor 1 Human Recombinant
CDA0143

Product Overview

Name	MSR1 Human
Description	
Macrophage Scavenger Receptor 1 Human Recombinant	
Accession (Primary)	P21757
Synonyms	
Macrophage Scavenger Receptor 1, SCARA1, Macrophage Acetylated LDL Receptor I And II, Scavenger Receptor Class A Member 1, SRA, Macrophage Scavenger Receptor Types I And II, Macrophage Scavenger Receptor Type III, Scavenger Receptor Class A, Member 1 CD204 Antigen, CD204, PhSR1, PhSR2, SR-A.	
Introduction	
Macrophage Scavenger Receptor 1, also known as MSR1 is a member of the class A macrophage scavenger receptors, which comprises three different types 1, 2 and 3 generated by alternative splicing. Furthermore, these receptors or isoforms are macrophage-specific trimeric integral membrane glycoproteins and have been implicated in many macrophage-associated physiological as well as pathological processes which include atherosclerosis, Alzheimer's disease, and host defense.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
MSR1 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS KWETKNC SVSSTNANDI TQSLTGKGND SEEEMRFQEV FMEHMSNMEK RIQHILDMEA NLMDTEHFQN FSMTTDQRFN DILLQLSTLF SSVQGHGNAI DEISKSLISL NTTLLDLQLN	

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IENLNGKIQE NTFKQQEEIS KLEERVYNVS AEIMAMKEEQ VHLEQEIKGE VKVLNNITND LRLKDWEHSQ TLRNITLIQG PPGPPGEKGD RGPTGESGPR GFPGPIGPPG LKGDRGAIGF PGSRGLPGYA GRPGNSGPKG QKGEKGSGNT LTPFTKVRLV GGSGPHEGRV EILHSGQWGT ICDDRWEVRV GQVVCRSLGY PGVQAVHKAA HFGQGTGPIW LNEVFCFGRE SSIEECKIRQ WGTRACSHSE DAGVTCTL

Precautions

MSR1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P21757)