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

MSR1 Human, sf9

Macrophage Scavenger Receptor 1, sf9 Human Recombinant
RCP1409

Product Overview

Name	MSR1 Human, sf9

Description

Macrophage Scavenger Receptor 1, sf9 Human Recombinant

Accession (Primary)	P21757

Synonyms

Macrophage Scavenger Receptor 1, Macrophage Acetylated LDL Receptor I And II, Scavenger Receptor Class A Member 1, SCARA1, Macrophage Scavenger Receptor Type III, CD204 Antigen, CD204, PhSR1, PhSR2, SR-A, SRA.

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

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

MSR1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 95.0% as determined by SDS-PAGE.

Amino acid sequence

ADP KWETKNC SVSSTNANDI TQSLTGKGND SEEEMRFQEV FMEHMSNMEK RIQHILDMEA NLMDTEHFQN FSMTTDQRFN DILLQLSTLF SSVQGHGNAI DEISKSLISL NTTLLDLQLN IENLNGKIQE NTFKQQEEIS KLEERVYNVS AEIMAMKEEQ VHLEQEIKGE VKVLNNITND LRLKDWEHSQ TLRNITLIQG PPGPPGEKGD

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RGPTGESGPR GFPGPIGPPG LKGDRGAIGF PGSRGLPGYA GRPGNSGPKG QKGEKGSGNT LTPFTKVRLV GGSGPHEGRV EILHSGQWGT ICDDRWEVRV GQVVCRSLGY PGVQAVHKAA HFGQGTGPIW LNEVFCFGRE SSIEECKIRQ WGTRACSHSE DAGVTCTL HH HHHH .

Precautions

MSR1 Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P21757)