

**32-13324: MSR1 Human, sf9**

**Alternative Name :** 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.

**Description**

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

MSR1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 384 amino acids (77-451 a.a.) and having a molecular mass of 42.4kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).

**Product Info**

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** MSR1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** ADPKWETKNC SVSSTNANDI TQSLTGKGND SEEEMRFQEV FMEHMSNMEK RIQHILDMEA  
NLMDTEHFQN FSMTTDQRFN DILLQLSTLF SSVQGHGNAI DEISKSLISL NTTLLDLQLN  
IENLNGKIQE NTFKQQUEIS KLEERVYNVS AEIMAMKEEQ VHLEQEIKGE VKVLNNITND  
LRLKDWEHSQ TLRNITLIQG PPGPPGEKGD RGPTGESGPR GFPGPIGPPG LKGDRGAIGF  
PGSRGLPGYA GRPGNSGPKG QKGEKGSNT LTPFTKVRLV GGSGPHEGRV EILHSGQWGT  
ICDDRWEVRV GQVVCRSLGY PGVQAVHKAA HFGQGTGPIW LNEVFCFGRE SSIEECKIRQ  
WGTRACSHSE DAGVTCTLHH HHHH.