

AR51859PU-S

Human CD204 (77-451, His-tag) - Purified

Alternate names:

MSR1, Macrophage acetylated LDL receptor I and II, Macrophage scavenger receptor types I and II, SCARA1, Scavenger receptor class A member 1

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[P21757](#)

NCBI:

[NP_619729](#)

GeneID:

[4481](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: Liquid, In 20mM Tris-HCl Buffer (pH8.0) containing 10% glycerol.

Description:

Recombinant human MSR1, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSKWETKNC SVSSTNANDI TQSLTGKGN D SEEEMRFQEV
FMEHMSNMEK RIQHILDMEA NLMDTEHFQN FSMTTDQRFN DILLQLSTLF SSVQGHGNAI
DEISKSLISL NTTLLDLQLN IENLNGKIQE NTFKQEEIS KLEERVYNVS AEIMAMKEEQ
VHLEQEIKGE VKVLNNITND LRLKDWEHSQ TLRNITLIQG PPGPPGEKGD RGPTGESGPR
GFPGPIGPPG LKGDRAIGF PGSRGLPGYA GRPGNSGPKG QKGEKSGNT LTPFTKVRV
GGSGPHEGRV EILHSGQWGT ICDDRWEVRV GQVVCRLGY PGVQAVHKAA HFGQGTGPIW
LNEVFCFGRE SSIEECKIRQ WGTRACSHSE DAGVTCTL

Molecular weight: 43.7 kDa (398aa)

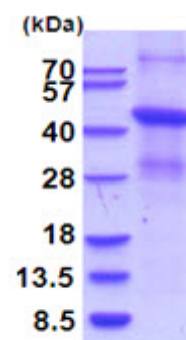
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Dansako H., et al. (2013) PLoS Pathog. 9 (5), E1003345

Pictures:



15% SDS-PAGE (3ug)