

MSR1, 77-451aa, Human, His tag, E.coli

Cat.NO.: TP03033

3th Edition

Synonyms:Macrophage scavenger receptor types I and II isoform type 1, CD204, phSR1, phSR2, SCARA1, SR-A, SRA

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

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

Molecular Weight:43.7kDa (398aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSKWETKNCSVSSTNANDITQSLTGKGNDSSEEMRFQEVFMEHMSNMEKRIQ
HILDMEANLMDTEHFQNFSTTDQRFNDILLQLSTLFSSVQGHGNAIDEISKSLISLNTLLDLQLNIENLNGKIQENT
FKQQEEISKLEERVYNVSAEIMAMKEEQVHLEQEIKGEVKVLNNITNDLRLKDWESQTLRNITLIQGPPGPPGEGK
DRGPTGESGPRGFPPIGPPGLKGDRAIGFPGSRGLPGYAGRPGNSGPKGQKGEKGSNTLTPFTKVRVLVGGG
GPHEGRVEILHSGQWGTICDDRWEVRVGVVCRSLGYPGVQAVHKAHFQGGTGPIWLNEVFCFGRESSIEECKI
RQWGTRACSHSEDAGVTCTL

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.