

Recombinant Mouse Scarb1, Fc-tagged

Cat. No. Scarb1-01M Lot. No. (See product label)

SPECIFICATION

Product Overview A DNA sequence encoding the mature form of mouse SRB1 (NP_058021.1) extracellular domain (Pro33-Val440) was fused with a FC tag at the C-terminus.

Species Mouse

Source HEK293

ProteinLength 33-440 a.a.

Form 50 mM Tris-HCl, pH 7.4, 100mM NaCl₂, and 5% Trehalose

Molecular Mass ~70 kDa

Purity >90% as determined by SDS-PAGE

Storage This lyophilized preparation is stable at 4°C, but should be kept at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to 2 weeks at 4°C. For maximal stability, apportion the reconstituted preparation into sterile distilled water or working aliquots with 20% glycerol or 0.1% BSA and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name Scarb1 scavenger receptor class B, member 1 [*Mus musculus*]

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Official Symbol	Scarb1
Synonyms	SCARB1; scavenger receptor class B, member 1; scavenger receptor class B member 1; HDL QTL 1; scavenger receptor class B1; scavenger receptor class B type I; CD36; Cla1; SRBI; Srb1; Cla-1; Hdlq1; SR-B1; SR-BI; Cd36I1; Hlb398; mSR-BI; AI120173; D5Erttd460e;
Gene ID	20778
mRNA Refseq	NM_001205082
Protein Refseq	NP_001192011
Pathway	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; HDL-mediated lipid transport, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem;
Function	apolipoprotein A-I binding; apolipoprotein binding; apolipoprotein binding; high-density lipoprotein particle binding; high-density lipoprotein particle receptor activity; high-density lipoprotein particle receptor activity; lipopolysaccharide binding; lipopolysaccharide receptor activity; low-density lipoprotein particle binding; low-density lipoprotein particle binding; phosphatidylserine binding; protein homodimerization activity; receptor activity;

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