

## Recombinant Human SCARB2 protein, GST-tagged

Cat. No. SCARB2-4576H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SCARB2 protein(249-433 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	249-433 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	NGTDGDSFHPLITKDEVLYVFP SDFCRSVYITFSDYESVQGLPAFRYKVP AEILANTS DNAGFCIPEGNCLGSGVLNVSICKNGAPIIMSFP HFYQADERFVSAIEGMHPNQEDH ETFVDINPLTG IILKAAKRFQINIYVKKLDDFVETGDIRTMVFPV MYLNESVHIDKETAS RLKSMINTTL
<b>Purity</b>	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name**

SCARB2 scavenger receptor class B, member 2 [ Homo sapiens ]

**Official Symbol**

SCARB2

**Synonyms**

SCARB2; scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor) like 2 (lysosomal integral membrane protein II) , CD36L2; lysosome membrane protein 2; HLGP85; LIMP 2; LIMP2; SR BII; LIMP II; CD36 antigen-like 2; lysosome membrane protein II; 85 kDa lysosomal membrane sialoglycoprotein; 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II); AMRF; EPM4; LGP85; CD36L2; LIMP-2; SR-BII;

**Gene ID**

950

**mRNA Refseq**

NM\_001204255

**Protein Refseq**

NP\_001191184

**MIM**

602257

**UniProt ID**

Q14108

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SDS-PAGE



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