

## Recombinant Human SCARB1 protein, His-tagged

**Cat. No.** SCARB1-848H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SCARB1 protein(NP_005496.4) extracellular domain (Pro 33-Tyr 443) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 33-443 aa                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human SCARB1 consists of 422 amino acids and has a predicted molecular mass of 48 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSCARB1 is approximately 75-85 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                        |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                       |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                   |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                          |

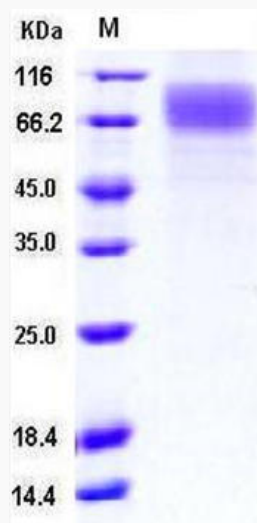
 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                               |                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_001076428.1">http://www.ncbi.nlm.nih.gov/protein/NP_001076428.1</a>                                                                                                                                                                                                                                                                |
| <b>Unit ID</b>                | Q8WTV0                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Unit ID-Weblink</b>        | <a href="https://www.uniprot.org/uniprotkb/Q8WTV0">https://www.uniprot.org/uniprotkb/Q8WTV0</a>                                                                                                                                                                                                                                                                                    |
| <b>GENE INFORMATION</b>       |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>              | SCARB1 scavenger receptor class B, member 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b>        | SCARB1                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>               | SCARB1; scavenger receptor class B, member 1; CD36 antigen (collagen type I receptor, thrombospondin receptor) like 1, CD36L1; scavenger receptor class B member 1; CLA 1; CLA1; SR BI; SRB1; CD36 and LIMPII analogous 1; scavenger receptor class B type III; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1; CLA-1; SR-BI; CD36L1; HDLQTL6; MGC138242; |
| <b>Gene ID</b>                | 949                                                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>            | NM_001082959                                                                                                                                                                                                                                                                                                                                                                       |
| <b>protein Refseq</b>         | NP_001076428                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>                    | 601040                                                                                                                                                                                                                                                                                                                                                                             |

# SDS-PAGE



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