

# Recombinant Human SCAMP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SCAMP3-2063H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SCAMP3 MS Standard C13 and N15-labeled recombinant protein (NP_005689) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | This gene encodes an integral membrane protein that belongs to the secretory carrier membrane protein family. The encoded protein functions as a carrier to the cell surface in post-golgi recycling pathways. This protein is also involved in protein trafficking in endosomal pathways. Two transcript variants encoding different isoforms have been found for this gene.                                 |
| <b>Molecular Mass</b>   | 38.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MAQSRDGGNPFAEPSELDNPFQDPAVIQHRPSRQYATLDVYNPFETREPPPAYEPP<br>APAPLPPPSAPSLQPSRKLSPTPEPKNYGSYSTQASAAAATAELLKKQEELNRKAEEL<br>DRRERELQHAALGGTATRQNNWPPLPSFCPVQPCFFQDISMEIPQEFQKTVSTMY<br>LWMCSTLALLNFLACLASFVETNNGAGFGLSILWVLLFTPCSFVCWYRPMYKA<br>SDSSFNFFVFFIFFVQDVLFLVLAIGIPGWGFSGWISALVVPKGNTAVSVLMLLVALL<br>FTGIAVLGIVMLKRIHSLYRRTGASFQKAQQEFAAGVFSNPAVRTAAANAAAGAAEN<br>AFRAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                   |

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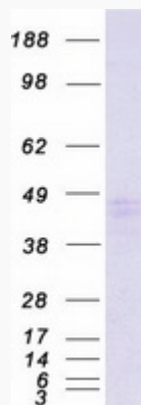
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|                         |                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                 |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                              |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                            |
| <b>Gene Name</b>        | SCAMP3 secretory carrier membrane protein 3 [ Homo sapiens (human) ]                                                       |
| <b>Official Symbol</b>  | SCAMP3                                                                                                                     |
| <b>Synonyms</b>         | SCAMP3; secretory carrier membrane protein 3; C1orf3; secretory carrier-associated membrane protein 3; Propin 1; propin 1; |
| <b>Gene ID</b>          | 10067                                                                                                                      |
| <b>mRNA Refseq</b>      | NM_005698                                                                                                                  |
| <b>Protein Refseq</b>   | NP_005689                                                                                                                  |
| <b>MIM</b>              | 606913                                                                                                                     |
| <b>UniProt ID</b>       | O14828                                                                                                                     |

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**SDS-PAGE**

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