

## Product datasheet for **TP305499L**

### SCAMP1 (NM\_004866) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human secretory carrier membrane protein 1 (SCAMP1), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC205499 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSDFDSNPFADPDLNPNPKDPSVTQVTRNVPPGLDEYNPFSDSRTPPPGGVKMPNVPNTQPAIMKPTEEH  
PAYTQIAKEHALAQAELLKRQEELERKAAELDRREREMQNLSQHGRKNNWPPLPSNFPVGPFCFYQDFSVD  
IPVEFQKTVKLMYYLWMFHAVTLFLNIFGCLAWFCVDSARAVDFGLSILWLLFTPCSFVCWYRPLYGAF  
RSDSSFRFFVFFVYICQFAVHVLQAAGFHNWGNCGWISSLTGLNQNPVGMIIIIMIII AALFTASAVISLV  
MFKKVHGLYRTTGASFKAQQEFATGVMSNKTQTAANAASTAASSAAQNAFKGNQI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 37.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_004857](#)

**Locus ID:** 9522



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UniProt ID: [O15126](#)

RefSeq Size: 6275

Cytogenetics: 5q14.1

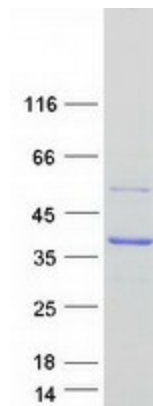
RefSeq ORF: 1014

Synonyms: SCAMP; SCAMP37

**Summary:** This gene product belongs to the SCAMP family of proteins, which are secretory carrier membrane proteins. They function as carriers to the cell surface in post-golgi recycling pathways. Different family members are highly related products of distinct genes, and are usually expressed together. These findings suggest that these protein family members may function at the same site during vesicular transport rather than in separate pathways. A pseudogene of this gene has been defined on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified SCAMP1 protein (Cat# [TP305499]). The protein was produced from HEK293T cells transfected with SCAMP1 cDNA clone (Cat# [RC205499]) using MegaTran 2.0 (Cat# [TT210002]).