

Product datasheet for PH305499

SCAMP1 (NM_004866) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SCAMP1 MS Standard C13 and N15-labeled recombinant protein (NP_004857)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205499
Predicted MW:	37.9 kDa
Protein Sequence:	>RC205499 protein sequence Red=Cloning site Green=Tags(s)

MSDFDSNPFADPDLNPFKDPSTVQVTRNVPPGLDEYNPFSDSRTPPPGVKMPNPNTQPAIMKPTEEH
PAYTQIAKEHALAQAELLKRQEELERKAAELDRREREMQNLSQHGRKNNWPPLPSNFPVGPFCFYQDFSVD
IPVEFQKTVKLMYYLWMFHAVTLFLNIFGCLAWFCVDSARAVDFGLSILWFLFTPSCSFVCWYRPLYGAF
RSDSSFRFFVFFVYICQFAVHVLQAAGFHNWGNCGWISSLTGLNQIPVGIIMMIIAALFTASAVISLV
MFKKVHGLYRRTTGASFEKAQQEFATGVMSNKTVQTAAANAASTAASSAAQNAFKGNQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004857
RefSeq Size:	6275
RefSeq ORF:	1014
Synonyms:	SCAMP; SCAMP37
Locus ID:	9522



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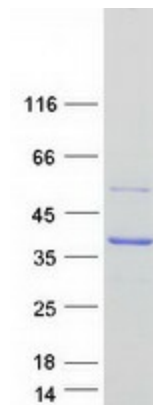
UniProt ID: [O15126](#)

Cytogenetics: 5q14.1

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]).