

## Product datasheet for PH306367

### SMAP1 (NM\_001044305) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SMAP1 MS Standard C13 and N15-labeled recombinant protein (NP_001037770)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206367
Predicted MW:	50.4 kDa
Protein Sequence:	>RC206367 protein sequence Red=Cloning site Green=Tags(s)

MATRSCREKAQKLNEQHQLILSKLLREEDNKYCADCEAKGPRWASWNIGVFICIRCAGIHRNLGVHISRV  
KSVNLDQWTAEQIQCMQDMGNTKARLLYEANLPENFRPQTDQAVEFFIRDKYEKKKYYDKNAIAITNIS  
SSDAPLQPLVSSPSLQAAVDKNKLEKEKEKKEKKEKREKEPEKPAKPLTAEKLQKKDQQLPKKSTSPKK  
AAEPTVDLLGLDGPVAVPTNGNTTVPPLNDDLIFGPMISNPLPATVMPPAQGTPSAPAAATLSTVTSG  
DLDLFTEQTTKSEEVAKKQLSKDSILSLYGTGTIQQQSTPGVFMGPTNIPFTSQAPAAFQGFPSMGVVP  
AAPGLIGNVMGQSPSMMVGMPPNGFMGNAQTGVMLPQN VVGHQGGMVGQMGAPQSKFGLPQAQQPQWS  
LSQMNQQMAGMSISSATPTAGFGQPSSTTAGWSGSSSGQTLSTQLWK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<u><a href="#">NP_001037770</a></u>
RefSeq Size:	3349
RefSeq ORF:	1401
Synonyms:	SMAP-1



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Locus ID: 60682

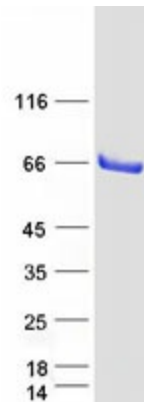
UniProt ID: [Q8IYB5](#)

Cytogenetics: 6q13

**Summary:** The protein encoded by this gene is similar to the mouse stromal membrane-associated protein-1. This similarity suggests that this human gene product is also a type II membrane glycoprotein involved in the erythropoietic stimulatory activity of stromal cells. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Endocytosis

### Product images:



Coomassie blue staining of purified SMAP1 protein (Cat# [TP306367]). The protein was produced from HEK293T cells transfected with SMAP1 cDNA clone (Cat# [RC206367]) using MegaTran 2.0 (Cat# [TT210002]).