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Product datasheet for PH324031

SMAP1 (NM_021940) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SMAP1 MS Standard C13 and N15-labeled recombinant protein (NP_068759)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224031
Predicted MW:	48.1 kDa
Protein Sequence:	>RC224031 representing NM_021940 Red=Cloning site Green=Tags(s) MATRSCREKAQKLNEQHQLILSKLLREEDNKYCADCEAKGPRWASWNIGVFICIRCAGIHRNLGVHISRV KSVNLDQWTAEQIQCMQDMGNTKARLLYEANLPENFRRPQTDQAVEFFIRDKYEKKKYYDKNAIAITNKE KEKKKEEKKREKEPEKPAKPLTAEKLQKKDQQLEPKKSTSPKKAAEPTVDLLGLDGPAVAPVTNGNTTVP PLNDDLDIFGPMISNPLPATVMPPAQGTPSAPAAATLSTVTSGDLDLFTEQTTKSEEVAKKQLSKDSILS LYGTGTIQQQSTPGVFMGPTNIPFTSQAPAAFQGFPSMGVPVPAAPGLIGNVMGQSPSMMVGMPMPNGFM GNAQTGVMPLPQNVVGPQGGMVGQMGAPQSKFGLPQAQQPQWSLSQMNQQMAGMSISSATPTAGFGQPSS TTAGWSGSSSGQTLSTQLWK 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- 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:	NP_068759
RefSeq Size:	3268
RefSeq ORF:	1320
Synonyms:	SMAP-1

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Locus ID: 60682

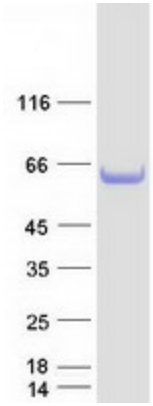
UniProt ID: Q8IYB5

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# [TP324031]). The protein was produced from HEK293T cells transfected with SMAP1 cDNA clone (Cat# [RC224031]) using MegaTran 2.0 (Cat# [TT210002]).