

Recombinant Human SMAP1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SMAP1-205H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SMAP1 MS Standard C13 and N15-labeled recombinant protein (NP_001037770) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	50.4 kDa
AA Sequence	MATRSCREKAQKLNEQHQLILSKLLREEDNKYCADCEAKGPRWASWNIGVFICIRCA GIHRNLGVHISRVKSVNLDQWTAEQIQCMQDMGNTKARLLYEANLPENFRRPQTDQ AVEFFIRDKYEKKKYYDKNAIAITNISSDAPLQPLVSSPSLQAAVDKNKLEKEKEKKK EEKKREKEPEKPAKPLTAEKLQKKDQQLPEPKKSTSPKAAEPTVDLLGLDGPVAVPV TNGNTTVPLNDDLDIFGPMISNPLPATVMPPAQGTSPAPAAATLSTVTSGDLDLFTE QTTKSEEVAKKQLSKDSILSLYGTGTIQQQSTPGVFMGPTNIPFTSQAPAAFQGFPS MGVPVPAAPGLIGNVMGQSPSMMVGMPPNGFMGNAQTGVMLPQNVVGHQGG MVGQMGAPQSKFGLPQAQQPQWSLSQMNQMQMAGMSISSATPTAGFGQPSSTTA

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GWSGSSSGQTLSTQLWKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SMAP1 small ArfGAP 1 [Homo sapiens (human)]
Official Symbol	SMAP1
Synonyms	SMAP1; small ArfGAP 1; stromal membrane associated GTPase activating protein 1, stromal membrane associated protein 1; stromal membrane-associated protein 1; FLJ13159; SMAP 1; stromal membrane-associated GTPase-activating protein 1; SMAP-1; FLJ42245;
Gene ID	60682
mRNA Refseq	NM_001044305
Protein Refseq	NP_001037770
MIM	611372

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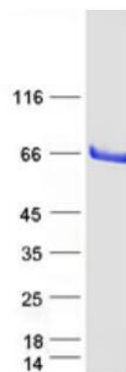
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UniProt ID

Q8IYB5

SDS-PAGE

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