

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

Cat. No. SMAP1-5333H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | SMAP1 MS Standard C13 and N15-labeled recombinant protein (NP_068759) 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. |
| Molecular Mass | 48.1 kDa |
| AA Sequence | MATRSCREKAQKLNEQHQQLILSKLLREEDNKYCADCEAKGPRWASWNIGVFICIRCA GIHRNLGVHISRVKSVNLDQWTAEQIQCMQDMGNTKARLLYEANLPENFRRPQTDQ AVEFFIRDKYEKKKYYDKNAIAITNKEKEKKKEKKREKEPEKPAKPLTAEKLQKKDQ QLEPKKSTSPKKA AEPTVDLLGLDGPVAVPTNGNTTVPPLNDDLDIFGPMISNPLPA TVMPPAQGTPSAPAAATLSTVTSGDLDFTEQTTKSEEVAKKQLSKDSILSLYGTGTI QQQSTPGVFMGPTNIPFTSQAPAAFQGFPSMGVPVPAAPGLIGNVMGQSPSMMVG MPMPNGFMGNAQTGVMLPQNVVGPQGGMVGQMGAPQSKFGLPQAQQPQWSL SQMNQQMAGMISSATPTAGFGQPSSTTAGWSSGSSGQTLSTQLWKTRTRPLEQ |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KLISEEDLAANDILDYKDDDDKV

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_021940](#)

Protein Refseq [NP_068759](#)

MIM [611372](#)

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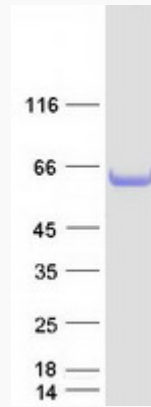
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UniProt ID

Q8IYB5

SDS-PAGE



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