

Recombinant Human SMAP1 293 Cell Lysate

Cat. No. SMAP1-1673HCL Lot. No. (See product label)

SPECIFICATION

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|----------------------------|---|
| Species | Human |
| Source | HEK293 |
| Description | Antigen standard for small ArfGAP 1 (SMAP1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection. |
| Components | This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol). |
| Size | 0.1 mg |
| Storage Instruction | Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment. |
| Applications | ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the |

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

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|----------------------------|---|
| Gene Name | SMAP1 small ArfGAP 1 [Homo sapiens] |
| 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 |
| UniProt ID | Q8IYB5 |
| Chromosome Location | 6q12-q13 |
| Pathway | Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; |
| Function | ARF GTPase activator activity; metal ion binding; zinc ion binding; |

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