Recombinant Full Length Human ASAP1 Protein, GST-tagged

Cat. No. ASAP1-1259HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ASAP1 full-length ORF (ADR82673.1, 1 a.a. - 36 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	36 amino acids
Description	This gene encodes an ADP-ribosylation factor (ARF) GTPase-activating protein. The GTPase-activating activity is stimulated by phosphatidylinositol 4,5-biphosphate (PIP2), and is greater towards ARF1 and ARF5, and lesser for ARF6. This gene maybe involved in regulation of membrane trafficking and cytoskeleton remodeling. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Molecular Mass	4 kDa
AA Sequence	MNAHLSDVLK HPLHPFFIIF LVLFLDKFKL LKDYSR
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ASAP1 ArfGAP with SH3 domain, ankyrin repeat and PH domain 1 [Homo sapiens]
Official Symbol	ASAP1
Synonyms	ASAP1; ArfGAP with SH3 domain, ankyrin repeat and PH domain 1; DDEF1, development and differentiation enhancing factor 1; arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1; centaurin; beta 4; CENTB4; KIAA1249; PAP; ZG14P; DEF-1; centaurin, beta 4; PIP2-dependent ARF1 GAP; ARF GTPase-activating protein 1; development and differentiation-enhancing factor 1; ADP-ribosylation factor-directed GTPase-activating protein 1; 130 kDa phosphatidylinositol 4,5-biphosphate-dependent ARF1 GTPase-activating protein; 130 kDa phosphatidylinositol 4,5-bisphosphate-dependent ARF1 GTPase-activating protein; PAG2; AMAP1; DDEF1
Gene ID	50807
mRNA Refseq	NM_001247996
Protein Refseq	NP_001234925
MIM	605953
UniProt ID	Q9ULH1

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