

Recombinant Full Length Human ASAP3 Protein, C-Flag-tagged

Cat. No. ASAP3-1261HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ASAP3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of a subfamily of ADP-ribosylation factor(Arf) GTPase-activating proteins that contain additional ankyrin repeat and pleckstrin homology domains. The Arf GAP domain of this protein catalyzes the hydrolysis of GTP bound to Arf proteins. The encoded protein promotes cell differentiation and migration and has been implicated in cancer cell invasion. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	99 kDa
AA Sequence	MPEQFSVAEFLAVTAEDLSSPAGAAAFKMPRYRGAALAREEILEGDQAILQRIKK AVRAIHSSGLGHV ENEEQYREAVESLGNSHLSQNSHELSTGFLNLAVFTREVAALF KNLIQNLNNIVSFPLDSLMKGQLRDGR QDSKKQLEKAWKDYEAQMAKLEKERDRA RVTGGIPGEVAQDMQRERRIFQLHMC EYLLKAGESQMKQGPD FLQSLIKFFHAQH NFFQDGWKAAQSLFPFIEKLAASVHALHQAQEDELQKLTQLRDSLRLGTLQLESREE H LSRKNSGCGYSIHQHQGNKQFGTEKVGFLYKKSDGIRRAWQKRKCGVKYGC LTI

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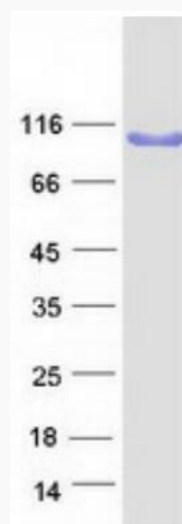
 45-1 Ramsey Road, Shirley, NY 11967, USA

SHSTINRPPVKLTLLT CQVRPNPEEKKCFDLVTHNRTYHFQAEDEHECEAWVSVLQ
 NSKDEALSSAFLGEPGSGPGSWGSAGHDGE PHDLTKLLIAEVKSRPGNSQCCDCG
 AADPTWLSTNLGVLTICQCSGVHRELGVRFMRQSLTDLGPSE LLLALNMGNTS
 FNEVMEAQLPSHGGPKPSAESDMGTRRDYIMAKYVEHRFARRCTPEPQRLWTAIC
 NRDL LSVLEAFANGQDFGQPLPGPDAQAPEELVLHLAVKVANQASLPLVDFIIONGG
 HLDAAADGNTALHYAA LYNQPDCLKLLKGRALVGTVNEAGETALDIARKKHHKE
 CEELLEQAQAGTFAFPLHVDYSWVISTEPGS DSEEDDEEEKRCLLKLPAQAHWASG
 RLDISNKTYETVASLGAATPQGESEDCPPPLPVKNSSRTLQGCAR HASGDRSEVS
 SLSSEAPETPESLGSPASSSSLMSPLEPGDPSQAPPNSEEGLREPPGTSRPSLTSG
 TTPS
 EMYLPVRFSSSESTRSYRRGARSPEDGPSARQPLPRRNVPVGITEGDGSRTGSLPAS
 SVQLLQDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Endocytosis, Fc gamma R-mediated phagocytosis
Full Length	Full L.

GENE INFORMATION

Gene Name	ASAP3 ArfGAP with SH3 domain, ankyrin repeat and PH domain 3 [Homo sapiens (human)]
Official Symbol	ASAP3
Synonyms	ACAP4; UPLC1; CENTB6; DDEFL1
Gene ID	55616
mRNA Refseq	NM_017707.4
Protein Refseq	NP_060177.2
MIM	616594
UniProt ID	Q8TDY4



Coomassie blue staining of purified ASAP3 protein.

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