

Datasheet for ABIN7552343
ASAP2 Protein (AA 1-1006) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ASAP2
Protein Characteristics:	AA 1-1006
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASAP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ASAP2 Protein expressed in mammalian cells.
Sequence:	MPDQISVSEF VAETHEDYKA PTASSFTTRT AQRNTVAAI EEALDVDRMV LYKMKKSVKA INSSGLAHVE NEEQYQALE KFGGNCVCRD DPDLGSAFLK FSVFTKELTA LFKNLIQNMN NIISFPLDSL LKGD LKGVKG DLKKPFDKAW KDYETKITKI EKEKKEHAKL HGMIRTEISG AEIAEEMEKE RRFQ LQMCE YLLKVNEIKI KKGVDLLQNL IKYFHAQCNF FQDGLKAVES LKPSIETLST DLHTIKQAQD EERRQLIQLR DILKSALQVE QKEDSQIRQS TAYSLHQPQG NKEHGTERNG SLYKKS DGIR KVVQKRKCSV KNGFLTISHG TANRPPAKLN LLTCQVKTNP EEKKCFDLIS HDRTYHFQAE DEQECQIWMS VLQNSKEEAL NNAFKGDDNT GENNIVQELT KEIISEVQRM TGNDVCCDCG APDPTWLSTN LGILTCIECS GIHRELGVHY SRMQSLTLDV LGTSELLAK NIGNAGFNEI MECCLPAEDS VKPNPGSDMN ARKDYITAKY IERRYARKKH ADNAAKLHSL CEAVKTRDIF GLLQAYADGV DLTEKIPLAN GHEPDETALH LAVRSVDRTS LHIVDFLVQN SGNLDKQTGK GSTALHYCCL TDNAECLKLL LRGKASIEIA NESGETPLDI AKRLKHEHCE ELLTQALSGR FNSHVHVEYE WRLLHEDLDE SDDDMDEKLQ PSPNRREDRP

Product Details

ISFYQLGSNQ LQSNVSLAR DAANLAKEKQ RAFMPSILQN ETYGALLSGS PPPAQPAAPS
TTSAPPLPPR NVGKVQTASS ANTLWKTNSV SVDGGSRQRS SSDPPAVHPP LPPLRVSTN
PLTPTPPPPV AKTPSVMEAL SQPSKPAPPG ISQIRPPPLP PQPPSRLPQK KPAPGADKST
PLTNKGQPRG PVDLSATEAL GPLSNAMVLQ PPAPMPRKSQ ATKLKPKRVK ALYNVADNP
DELTFSEGDV IVDGEEDQE WWIGHIDGDP GRKGAFPVSF VHFIAD **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ASAP2

Alternative Name: ASAP2 ([ASAP2 Products](#))

Background: Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 (Development and differentiation-enhancing factor 2) (Paxillin-associated protein with ARF GAP activity 3) (PAG3) (Pyk2 C-terminus-associated protein) (PAP),FUNCTION: Activates the small GTPases ARF1,

Target Details

ARF5 and ARF6. Regulates the formation of post-Golgi vesicles and modulates constitutive secretion. Modulates phagocytosis mediated by Fc gamma receptor and ARF6. Modulates PXN recruitment to focal contacts and cell migration. {ECO:0000269|PubMed:10022920, ECO:0000269|PubMed:10749932, ECO:0000269|PubMed:11304556}.

Molecular Weight: 111.7 kDa

UniProt: [O43150](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months