

Datasheet for ABIN7564186

ASAP2 Protein (AA 1-958) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ASAP2
Protein Characteristics:	AA 1-958
Origin:	Mouse
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:	<p>MPDQISVSEF VAETHEDYKA PTASSFTTRT AQRNTVAAI EEALDVDRMV LYKMKKSVKA</p> <p>INISGLAHVE NEEQYTQALE KFGGNCVCRD DPDFLGSFLK FSVFTKELTA LFKNLIQNMN</p> <p>NIISFPLDSL LKGD LKGVKG DLKKPFDKAW KDYETKITKI EKEKKEHAKL HGMIRTEISG</p> <p>AEIAEEMEKE RRFQ LQMCE YLLKVNEIKV KKGVDLLQNL IKYFHAQCNF FQDGLKAVES</p> <p>LKPSIETLST DLHTIKQAQD EERRQLIQLR DILKSALQVE QKESRRDSQL RQSTAYSLHQ</p> <p>PQGNKEHGTE RGNLYKKSD GIRKVVQKRK CSVKNGFLT I SHGTANRPPA KLNLLTCQVK</p> <p>TNPEEKKCFD LISHDRTYHF QAEDEQECQI WMSVLQNSKE EALNNAFKGD DNTGENNIVQ</p> <p>ELTKEIIEV QRMTGNDVCC DCGAPDPTWL STNLGILT CI ECSGIHREL G VHYSRMQSLT</p> <p>LDVLGTSELL LAKNIGNAGF NEIMECC LPS EDPVKPNPGS DMIARKDYIT AKYMERRYAR</p> <p>KKHADTA AKL HSLCEAVKTR DIFGLLQAYA DGVDLTEKIP LANGHEPDET ALHLAVRSVD</p> <p>RTSLHIVDFL VQNSGNLDKQ TGKGSTALHY CCLTDNAECL KLLLRGKASI EIANESGETP</p> <p>LDIAKRLKHE HCEELLTQAL SGRFN SHVHV EYEWRLLED LDESDDVDVDE KLQPSPNRRE</p>

DRPVSFYQLG SSQFQSNVAVS LARDTANLTK DKQRGFGPSI LQNETYGAIL SGSPSSQSI
PPSTTSAPPL PPRNVGKDPL TTTTPPPVAK TSGTLEAMNQ PSKSSQPGTS QSKPPPLPPQ
PPSRLPQKKP ASGTDKPTPL TNKGQPRGPE ASGPLSNAMA LQPPAPMPRK SQATKSKPKR
VKALYNVAD NPDELTFSEG DVIIVDGEED QEWWIGHIDG EPSRKGAFPV SFVHFIAD **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>

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, ARF5 and ARF6. Regulates the formation of post-Golgi vesicles and modulates constitutive

Target Details

	secretion. Modulates phagocytosis mediated by Fc gamma receptor and ARF6. Modulates PXN recruitment to focal contacts and cell migration (By similarity). {ECO:0000250, ECO:0000269 PubMed:10022920, ECO:0000269 PubMed:11304556}.
Molecular Weight:	106.8 kDa
UniProt:	Q7SIG6

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