

Datasheet for ABIN7564457

## AGAP1 Protein (AA 1-857) (His tag)



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### Overview

Quantity:	1 mg
Target:	AGAP1
Protein Characteristics:	AA 1-857
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGAP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Agap1 Protein expressed in mammalian cells.
Sequence:	<p>MNYQQQLANS AAIRAEIQR FESVHPNIYSI YELLERVEEP VLQNIQIREHV IAIEDAFVNS</p> <p>QEWTLRSRVP ELKVGIVGNL ASGKSALVHR YLTGTYYVQEE SPEGGRFKKE IVVDGQSYLL</p> <p>LIRDEGGPPE AQFAMWVDAV IFVFSLEDEI SFQTVYHYYS RMANYRNTSE IPLVLVGTQD</p> <p>AISSTNPRVI DDVRARKLSN DLKRCTYYET CATYGLNVER VFQDVAQKIV ATRKKQQLSI</p> <p>GPCKSLPNSP SHSSVCSAQV SAVHISQTSN GGGSLSDYSS SVPSTPSTSQ KELRIDVPPT</p> <p>ANTPTPVRKQ SKRRSNLFTS RKGSDPDKEK KGLESRADSI GSGRAPIKQ GMLLKRSQKS</p> <p>LNKEWKKKYV TLCDNGVLTY HPSLDHYMQN VHGEIDLLR TTVKVPGRKP PRATSACAPI</p> <p>SSPKTNGLAK DMSSLHISPN SGNVTSASGS QMASGISLVS FNSRPDGMHQ RSYSVSSADQ</p> <p>WSDATVIANS AISSDTGLGD SVCSSPSISS STSPKLDPPP SPHANRKKHR RKKSTSNFKA</p> <p>DGLSGTAAEQ EENLEFIIVS LTGQTWHEA TTYEERDAWV QAIESQILAS LQSCCESSKNK</p> <p>SRLTSQSEAM ALQSIRNMRG NSHCVDCDTQ NPNWASLNLG ALMCIECSGI HRNLGTHLSR</p>

Product Details

VRSLDLDWDP MELIKVMSSI GNELANSVWE EGSQGR TKPS LDSTREEKER WIRAKYEQKL  
FLAPLPCTEF SLGQQLLRAT AEEDLRTVIL LLAHGSRDEV NETCGEGDGR TALHLACRKG  
NVVLAQLLIW YGVDVMARDA HGNTALAYAR QASSQECIDV LLQYGCPDER FVLMATPNLS  
RKSNSRNSS GRAPSVI **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.**

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	AGAP1
Alternative Name:	Agap1 ( <a href="#">AGAP1 Products</a> )
Background:	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1 (AGAP-1) (Centaurin-gamma-2) (Cnt-g2),FUNCTION: GTPase-activating protein for ARF1 and, to a lesser extent, ARF5. Directly and specifically regulates the adapter protein 3 (AP-3)-dependent trafficking of proteins in the endosomal-lysosomal system (By similarity). {ECO:0000250}.
Molecular Weight:	94.4 kDa
UniProt:	<a href="#">Q8BXK8</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## 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