

Datasheet for ABIN7552125

AP1G2 Protein (AA 1-785) (His tag)



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Overview

Quantity:	1 mg
Target:	AP1G2
Protein Characteristics:	AA 1-785
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP1G2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat AP1G2 Protein expressed in mammalian cells.
Sequence:	<p>MVPSLKLQD LIEEIRGAKT QAQEREVIQK ECAHIRASFR DGDPVHRHRQ LAKLLYVHML</p> <p>GYPAHFGQME CLKLIASSRF TDKRVGYLGA MLLLDERHDA HLLITNSIKN DLSQGIQPVQ</p> <p>GLALCTLSTM GSAEMCRDLA PEVEKLLLQP SPYVRKKAIL TAVHMIRKVP ELSSVFLPPC</p> <p>AQLLHERHHG ILLGTITLIT ELCERSPAAL RHFRKVPQQL VHILRTLVTM GYSTEHSISG</p> <p>VSDPFLQVQI LRLLRILGRN HEESSETMND LLAQVATNTD TSRNAGNAVL FETVLTIMDI</p> <p>RSAAGLRVLA VNILGRFLLN SDRNIRYVAL TSLRLVQSD HSAVQRHRPT VVECLRETDA</p> <p>SLSRRALELS LALVNSSNVR AMMQELQAFL ESCPPDLRAD CASGILLAAE RFAPTKRWHI</p> <p>DTILHVLTTA GTHVRDDAVA NLTQLIGGAQ ELHAYSVRRL YNALAEDISQ QPLVQVAAWC</p> <p>IGEYGDLLLA GNCEEIEPLQ VDEEEVLALL EKVLQSHMSL PATRGYALTA LMKLSTRLCG</p> <p>DNNRIRQVVS IYGSCLDVEL QQRAVEYDTL FRKYDHMRRA ILEKMPLVER DGPQADEEAK</p> <p>ESKEAAQLSE AAPVPTEPQA SQLLDLLDLL DGASGDVQHP PHLDPSPGGA LVHLLDLPCV</p>

PPPPAPIPDL KVFEREGLVQL NLSFIRPPEN PALLITITA TNFSEGDVTH FICQAAVPKS
LQLQLQAPSG NTVFARGGLP ITQLFRILNP NKAPLRLKLR LTYDHFHQSV QEIFEVNNLP VESWQ

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:	<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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	AP1G2
Alternative Name:	AP1G2 (AP1G2 Products)
Background:	<p>AP-1 complex subunit gamma-like 2 (Gamma2-adaptin) (G2ad),FUNCTION: May function in protein sorting in late endosomes or multivesicular bodies (MVBs).</p> <p>{ECO:0000269 PubMed:9733768}, FUNCTION: (Microbial infection) Involved in MVB-assisted maturation of hepatitis B virus (HBV). {ECO:0000269 PubMed:16867982, ECO:0000269 PubMed:17553870}.</p>
Molecular Weight:	87.1 kDa
UniProt:	O75843

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