

Datasheet for ABIN7554212

IQSEC3 Protein (AA 1-1182) (His tag)



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Overview

Quantity:	1 mg
Target:	IQSEC3
Protein Characteristics:	AA 1-1182
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IQSEC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant IQSEC3 Protein expressed in mammalian cells.
Sequence:	MESLLENPVR AVLYLKELTA IVQNQQSLIH TQRERIDELE RRLDELSAEN RSLWEHQQLL QAQPPPGLVP PSSAPLPAAP ATAPAAAAARA QEPLQDQQR SAAAPHPAPD RPPRQHHGQL LEQPQRGPGS RAHTPQSPHK HLG TQGAVTD KEKERPPSCC AAAGALLQHK SPSALGKGV SRRPENETVL HQFCCPAADA CSDLASQSDG SCTQAGGGME DSVVAAAABA AGRPSAHAPK AQAQELQEEE ERPGAGAASP RAGPQHKASP GRQQPALATA LCPHAPAASD YELSLDLKNK QIEMLEHKYG GHLVSRRAAC TIQTAFRQYQ LSKNFEKIRN SLLESRLPRR ISLRKVRSP AESLAAEKAL MEGYGLVGLP LVRSPSLPPT FAGTLTELED SFTEQVQSLA KSIDDALSTW SLKTMCSLRE SGAYQLHQAL QAAAGPPGLE AEGRAPESAG PGPGDAAET PGLPPAHSGT LMMAFRDVTQ QIANQNISVS SSTALSVANC LGAQTVQAPA EPAAGKAEQG ETSGREAPEA PAVGREDASA EDSCAEAAAS GAADGATAPK TEEEEEEET AEVGRGAEAE AGDLEQLSSS STSTKSAKSG SEASASASKD ALQAMILSLP RYHCENPASC KSPTLSTDTL RKRLYRIGLN LFNINPDKGI QFLISRGFIP DTPIGVAHFL LQRKGLSRQM IGEFLGNSKK QFNDRVLDV

VDENDFSSME LDEALRKFAQ HIRVQGEAQK VERLIEAFSQ RYCMCNPEV VQQFHNPDITF
ILAFAILLN TDMYSPNIKP DRKMMLEDFI RNLRGVDDGA DIPRELVVGI YERIQQKELK
SNEDHVTYVT KVEKSIVGMK TVLSVPHRRL VCCSRLFEVT DVNKLQKQAA HQREVFLFND
LLVILKLCPK KKSSSTYTFC KSVGLLGMQF QLFENEYYSH GITLVTPLSG SEKKQVLHFC
ALGSDEMCKF VEDLKESIAE VTELEQIRIE WELEKQQGTK TLSFKPCGAQ GDPQSKQGSP
TAKREAALRE RPAESTVEVS IHNRLQTSQH NSGLGAERGA PVPPPDQLQS PPRQQTPLPL
PPPPTPPGTL VQCQQIVKVI VLDKPCCLARM EPLLSQALSC YTSSSSDSCG STPLGGPGSP
VKVTHQPPLP PPPPPYNHPH QFCPPGSLH GHRYSSGSRS LV **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:	IQSEC3
Alternative Name:	IQSEC3 (IQSEC3 Products)

Target Details

Background:	IQ motif and SEC7 domain-containing protein 3,FUNCTION: Acts as a guanine nucleotide exchange factor (GEF) for ARF1. {ECO:0000269 PubMed:17981261}.
Molecular Weight:	127.6 kDa
UniProt:	Q9UPP2
Pathways:	Synaptic Membrane

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