

Datasheet for ABIN7563665
IQSEC3 Protein (AA 1-1195) (His tag)



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Overview

Quantity:	1 mg
Target:	IQSEC3
Protein Characteristics:	AA 1-1195
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IQSEC3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Iqsec3 Protein expressed in mammalian cells.
Sequence:	MESLLENPVR AVLYLKELTA IVQNQQSLIH TQRQRIDELE RRLDELSAEN RSLWEHQQLL QAQPPPGLVP PPPSAPLPAP AVTAPAAAAA QEPLQDHGQL IPASPEPPLQ HHGQLLAQPQ PAPSSRVQTP QSPHQHPVAP GAIADKEKER PSSCCAAAGA LLQHASPAAAL GKGVLSSRPE NETVLHQFCC PAADTEQKPA CSDLASQSDG SCAQAGGGME DSVVAAVAAG RPSAHAPKAQ APELQQUEER PGAVGSPRAG PLRAASPGRQ QPALATALCS HTPAASEYEL SLDLKNKQIE MLEHKYGGHL VSRRAACTIQ TAFRQYQLSK NFEKIRNSLL ESRLPRRISL RKVRAPTAES LVAEKALLEG CGLLGLPLGR SPSLPPTFAG SLTELEDSFT EQVQSLAKSI DDALSTWSLK TMCSLQESGA YQLHQALHPS AGQPGLETEA AAREPESGPG SGDEAGGLPQ GHSGTLMMAF RDVTQIANQ NISVSSSTAL SVANCLGAQT AQATAEPAAA QAEQEDTADQ EVSEVPASEQ MDPPSEDSEA AESRAQSAQE PAVAQAVVEE AVATEAEEEE EGAKQAGKGA EAEGGDNSEQ LSSSSASTKS AKSSSEASAA ASKEALQAVI LSLPRYHCEN PASCRSPTLS TDTLRKRLYR

IGLNLFNINP DKGIQFLISR GFIPDTPIGV AHFLLQRKGL SRQMIGEFLG NSKKQFNDRV
LDCVVDEMDF SNMELDEALR KFQAHIRVQG EAQKVERLIE AFSQRYCMCN PEVVQQFHNP
DTIFILAFAI ILLNTDMYSP NIKPDRKMML EDFIRNLRGV DDGADIPREL VVGIIYERIQQ
KELKSNEDHV TYVTKVEKSI VGMKTVLSMP HRRLVCCSRL FEVTDVNKLQ KQAAHQREVF
LFNDLLVILK LCPKKKSSFT YTFCKAVGLL GMRFHLEFENE YYSHGITLAT PLSGSEKKQV
LHFCALGSDE MQKFVEDLKE SIAEVTELEQ IRIEWELEKQ QGKTLSVRS AGAQGDPQSK
QGSPTAKREA MAGEKAAESS GEVSIHNRLQ TSQHSPKLG V ERGAPAPSPP TSPPLPPDP
QPSPLREQPP PLPLPPPTPP GTLVQCQIV KVIVLDKPCL ARMEPLLSQA LSCYASSSSD
SCGSTPLRGP GSPVKVIHQ P LPPPPPPYN HPHQFCPPGS MLLRRRYSSG SRSLV **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:	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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	IQSEC3
Alternative Name:	Iqsec3 (IQSEC3 Products)
Background:	IQ motif and SEC7 domain-containing protein 3,FUNCTION: Acts as a guanine nucleotide

Target Details

	exchange factor (GEF) for ARF1. {ECO:0000250 UniProtKB:Q9UPP2}.
Molecular Weight:	129.1 kDa
UniProt:	Q3TES0
Pathways:	Synaptic Membrane

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.
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