

Datasheet for ABIN7563809

IQSEC2 Protein (AA 1-1478) (His tag)



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Overview

Quantity:	1 mg
Target:	IQSEC2
Protein Characteristics:	AA 1-1478
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IQSEC2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Iqsec2 Protein expressed in mammalian cells.
Sequence:	MEAGSGPPGG PGSESPNRV EYLLELNNII ESQQQLLETQ RRRIEELEGQ LDQLTQENRD LREESQLHRG ELHRDPLGAR DSPGRESQYQ NLRETQFHHR ELRESQFHQA SRDVGYPNRD GAYQNREAIY RDKEREASYQ LQDTTGYTAR ERDVAQCHLH HENPALGRER GGREAGPAHP GREKEAGYSA AVGVGQRPPR ERGQLSRGAS RSSSPGAGGG HSTSTSTSPA TTLQRNVEGD APGSDLSTAV DSPGSQPPYR LSQLPPTSSH MGGPPAGVGL PWAQRARLQP ASVALRKQEE EElKRSKALS DSYELSTDQ DKKVEMLERK YGGSFLSRRA ARTIQTAFRQ YRMNKNFERL RSSASESRMS RRIILSNMRM QFSFEEYEKA QNPAYFEGKP ASLDEGAMAG ARSHRLERGL PYGGSCGGGI DGGGSSVTTS GEFSNDITEL EDSFSKQVKS LAESIDEALN CHPSGPMSEE PGSAQLEKRE SKEQQEDSSA TSFSDLPLYL DDPVPPPSPE RLPSTEPPPP GRPEFWAPAP LPPVPPPMPP GTREDGSREE GTRRGPGCLE CRDFRLRAAH LPLLTIEPPS DSSVDLSDRS DRGSVHRQLV YEADGCSPHG TLKHKGPPGR APIPHRHYP APEGPAPAPP PLPPAPNSGT

GPSGVAGGRR LGKCEAAGEN SDGGDNESLE SSSNSNETIN CSSGSSSRDS LREPPATGLC
KQTYQRETRH SWDSPAFNND VVQRRHYRIG LNLFNKKPEK GIQYLIERGF LSDTPVGVAH
FILERKGLSR QMIGEFLGNR QKQFNRDVLD CVVDEMDFSS MDLDDALRKF QSHIRVQGEA
QKVERLIEAF SQRYCVCNPA LVRQFRNPDT IFILAFAIL LNTDMYSPSV KAERKMKLDD
FIKNLRGVDN GEDIPRDLLV GIYQRIQGRE LRTNDDHVSQ VQAVERMIVG KKPVLSPHR
RLVCCCQLYE VPDPNRPQRL GLHQREVFLF NDLLVVTIKF QKKKILVTYS FRQSFPVEM
HMQLFQNSYY QFGIKLLSAV PGGERKVLII FNAPSLQDRL RFTSDLRESI AEVQEMEKYR
VESELEKQKG MMRPNASQPG GAKDSVNGTL ARSSLEDTYG AGDGLKRGAL SSSLRDLSDA
GKRGRRNSVG SLDSTIEGSV ISSPRPHQRM PPPPPPPPE EYKSQRPSVN SSSFLGSLFG
SKRGKGPQM PPPPTGQASA SSSASSTHH HHHHHHHHGS HGGLGVLPDG QSKLQALHAQ
YCQGGPAPP PYLPPQPPL PPPPQPPPL PQLGSIPPPP ASAPPVGPGR HFHAHGPVPG
PQHYTELGRPG RAPRRGAGGH PQFAPHGRHP LHQPTSPLPL YSPAPQHPPA HKQGPKHFI
SHHPQMMPAA GAAGGPGSRP PGGSYSHPHH PQSPLSPHSP IPPHPSYPPL PPPSPHTPHS
PLPPTSPHGP LHASGPPGTA NPPSANPKAK PSRISTVV **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.
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	IQSEC2
Alternative Name:	lqsec2 (IQSEC2 Products)
Background:	IQ motif and SEC7 domain-containing protein 2,FUNCTION: Is a guanine nucleotide exchange factor for the ARF GTP-binding proteins. {ECO:0000250 UniProtKB:Q5JU85}.
Molecular Weight:	161.8 kDa
UniProt:	Q5DU25

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