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Datasheet for ABIN7555322

RUSC2 Protein (AA 1-1516) (His tag)

Overview

Quantity:	1 mg
Target:	RUSC2
Protein Characteristics:	AA 1-1516
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RUSC2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RUSC2 Protein expressed in mammalien cells.
Sequence:	MDSPPKLTGE TLIVHHIPLV HCQVPDRQCC GGAGGGGGST RPNPFCPEL GITQPDQDLG QADSLLFSSL HSTPGGTARS IDSTKRSRD GRGPGAPKRH NPFLQEGVG EPGLGDLYDD SIGDSATQQS FHLHGTGQPN FHLSSFQLPP SGPRVGRPWG TTRS RAGVVE GQEQEPMVMTL DTQQCGTSHC CRPELEAETM ELDECGGPGG SGSGGGASDT SGFSFDQEWK LSSDESPRNP GCSGSGDQHC RCSSTSSQSE AADQSMGYVS DSSCNSSDGV LVTFSTLYNK MHGTPRANLN SAPQSCSDSS FCSHSDPGAF YLDLQSPFE SKMSYESHHP ESGGREGGYG CPHASSPELD ANCNSYRPHC EPCPAVADLT ACFQSARLV VATQNYKLV TCDLSSQSSP SPAGSSITSC SEEHTKISPP PGPDPGPS QPSEYLFQK PEVQPEEQEA VSSSTQAAAA VGPTVLEGQV YTNTSPPNLS TGRQRSYD RSLQRSPPVR LGS LERMLSC PVRLSEGPAA MAGPGSPRRR VTSFAELAKG RKKTGSGSP PLRVSVGDSS QEFSPIQEAQ QDRGAPLDEG TCCSHSLPPM PLGPGMDLLG PDPSPPWSTQ VCQGPSSSEM PPAGLRATGQ GPLAQLMDPG PALPGSPANS

HTQRDARARA DGGGTESRPV LRYKSQRPT TLPIQPFVFQ HHFPKQLAKA RALHSLSQLY
SLSGCSRTQQ PAPLAAPAAQ VSVPAPEGEP QASTPRATGR GARKAGSEPE TSRPSPLGSY
SPIRSGVPGF PSTDSSASTS CSPPEQPTA TESLPPWSHS CPSAVRPATS QQPQKEDQKI
LTLTEYRLHG TGLPPLGSW RSGLSRAESL ARGGEGSMA TRPSNANHLS PQALKWREYR
RKNPLGPPGL SGSLDRRSQE ARLARRNPIF EFPGLSAAS HLCRLNGQA VKPLPLTCPD
FQDPFSLTEK PPAEFCLSPD GSSEAISIDL LQKKGLVKAV NIAVDLIVAH FGTSRDPGVK
AKLGNSSVSP NVGHLVLKYL CPAVRAVLED GLKAFVLDVI IGQRKNMPWS VVEASTQLGP
STKVLHGLYN KVSQFPELTS HTMRFNAFIL GLLNIRSLEF WFNHLYNHED IIQTHYQPWG
FLSAAHTVCP GLFEELLLLL QPLALLPFSL DLLFQHRLQ SGQQQRQHKE LLRVSQDLLL
SAHSTLQLAR ARGQEGPGDV DRAAQGERVK GVGASEGGEE EEEEEETEEV AEAAGGSGRA
RWARGGQAGW WYQLMQSSQV YIDGSIEGSR FPRGSSNSSS EKKKGAGGGG PPQAPPREG
VVEGAEACPA SEEALGRERG WPFWMGSPPD SVLAELRRSR EREGPAASPA ENEEGASEPS
PGGIKWGHLF GSRKAQREAR PTNRLPSDWL SLDKSMFQLV AQTGSRREP EPKESLQEPH
SPALSSPPC EVQALCHHLA TGPGQLSFHK GDILRVLGRA GGDWLRCRSG PDSGLVPLAY
VTLTPTSPT PGSSQN **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:	RUSC2
Alternative Name:	RUSC2 (RUSC2 Products)
Background:	AP-4 complex accessory subunit RUSC2 (Interacting protein of Rab1) (Iporin) (RUN and SH3 domain-containing protein 2),FUNCTION: Associates with the adapter-like complex 4 (AP-4) and may therefore play a role in vesicular trafficking of proteins at the trans-Golgi network. {ECO:0000269 PubMed:30262884}.
Molecular Weight:	161.2 kDa
UniProt:	Q8N2Y8

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