

Datasheet for ABIN7555744
TECPR2 Protein (AA 1-1411) (His tag)



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Overview

Quantity:	1 mg
Target:	TECPR2
Protein Characteristics:	AA 1-1411
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TECPR2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TECPR2 Protein expressed in mammalien cells.
Sequence:	MASISEPVTF REFCPLYLL NAIPTKIQKG FRSIVVYLTA LDTNGDYIAV GSSIGMLYLY CRHLNQMRKY NFEGKTESIT VVKLLSCFDD LVAAGTASGR VAVFQLVSSL PGRNKQLRRF DVTGIIHKNSI TALAWSPNGM KLFSGDDK GK IVYSSLDLDQ GLCNSQLVLE EPSSIVQLDY SQKVLLVSTL QRSLLFYTEE KSVRQIGTQP RKSTGKFGAC FIPGLCKQSD LTLYASRPGL RLWKADVHGT VQATFILKDA FAGGVKPFEL HPRLESPNSG SCSLPERHLG LVSCFFQEGW VLSWNEYSIY LLDTVNQATV AGLESGDIV SVSCTENEIF FLKGDRNIIR ISSRPEGLTS TVRDGLEMSG CSERVHVQQA EKLPGATVSE TRLRGSSMAS SVASEPRSRSSSLNSTDSGS GLLPPGLQAT PELGKGSQPL SQRFNASSE DFDQELVVKP IKVKRKKKKK KTEGGSRSTC HSSLESTPCS EFPGDSPQL NTDLLSMTSS VLGSSVDQLS AESPDQESSF NGEVNGVPQE NTDPETFNVL EVSGSMPDSL AEEDDIRTEM PHCHHAHGRL LINGAREVDG GSDVTGLGDE PCPADDPNS TQLPFQEQDS SPGAHDGEDI QPIGPQSTFC EVPLLNLSLTV PSSLSWAPSA

EQWLPGTRAD EGSPVEPSQE QDILTSMEAS GHLSTNLWHA VTDDDTGQKE IPISERVLGS
VGGQLTPVSA LAASTHKPWL EQPPRDQTLT SSDEEDIYAH GLPSSSSETS VTELGPPSCSQ
QDLSRLGAED AGLLKPDQFA ESWMGYSGPG YGILSLVVSE KYIWCLDYKG GLFCSALPGA
GLRWQKFEDA VQQVAVSPSG ALLWKIEQKS NRAFACGKVT IKGKRHWYEA LPQAVFVALS
DDTAWIIRTS GDLYLQTGLS VDRPCARAVK VDCPYPLSQI TARNNVVWAL TEQRALLYRE
GVSSFCPEGE QWKCDIVSER QALEPVCITL GDQQLWALD IHGNLWFRTG IISKKPQGDD
DHWWQVSITD YVFDQCSLF QTIIHATHSV ATAAQAPVEK VADKLRMAFW SSQLQCQPSL
LGVNNSGVWI SSGKNEFHVA KGSLIGTYWN HVVPRGTASA TKWAFVLASA APTKEGSFLW
LCQSSKDLCS VSAQSAQSRP STVQLPPEAE MRAYAACQDA LWALDSLQV FIRTLSKSCP
TGMHWTRLDL SQLGAVKLTS LACGNQHIWA CDSRGGVYFR VGTQPLNPSL MLPAWIMIEP
PVQPAGVSLV SVHSSPNDQM LWVLSRWNV HVRTGITEEM PVGTAWEHVP GLQACQLALS
TRTVWARCPN GDLARRYGVT DKNPAGDYWK KIPGSVSCFT VTASDELWAV GPPGYLLQRL
TKTFSHSHGT QKSSQAAMPH PEDLEDEWEV | **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:	TECPR2
Alternative Name:	TECPR2 (TECPR2 Products)
Background:	Tectonin beta-propeller repeat-containing protein 2 (WD repeat-containing protein KIAA0329/KIAA0297),FUNCTION: Probably plays a role as positive regulator of autophagy. {ECO:0000269 PubMed:23176824}.
Molecular Weight:	153.8 kDa
UniProt:	O15040

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