

Datasheet for ABIN7555142
RERE Protein (AA 1-1566) (His tag)



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Overview

Quantity:	1 mg
Target:	RERE
Protein Characteristics:	AA 1-1566
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RERE protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RERE Protein expressed in mammalian cells.
Sequence:	MTADKDKDKD KEKDRDRDRD REREKRDKAR ESENSRPRRS CTLEGGAKNY AESDHSEDED NDNNSATAEE STKKNKKKPP KKKSRYERTD TGEITSYITE DDVVYRPGDC VYIESRRPNT PYFICSIQDF KLVHNSQACC RSPTPALCDP PACSLPVASQ PPQHLSEAGR GPVGSKRDLH LMNVKWYYRQ SEVPDSVYQH LVQDRHNEND SGRELVITDP VIKNRELFIS DYVDTYHAAA LRGKCNISHF SDIFAAREFK ARVDSFFYIL GYNPETRRLN STQGEIRVGP SHQAKLPDLQ PFPSPDGDTV TQHEELVWMP GVNDCDLLMY LRAARSMAAF AGMCDGGSTE DGCVAASRDD TTLNALNLTLESGYDAGKAL QRLVKKPVPK LIEKCWTEDE VKRFVKGLRQ YGKNFFRIRK ELLPNKETGE LITFYYYWKK TPEAASSRAH RRHRRQAVFR RIKTRTASTP VNTPSRPPSS EFLDLSSASE DDFDSEDSEQ ELKGYACRHC FTTTSDKDWHH GGRENILLCT DCRIHFCKYG ELPPIEKPVD PPPFMFKPVK EEDDGLSGKH SMRTRRSRGS MSTLRSRGRK QPASPDRGRTS PINEDIRSSG RNSPSAASTS SNDSKAETVK KSAKKVKEEA SSPLKSNKRQ REKVASDTEE

ADRTSSKTK TQEISRPNSP SEGEGESSDS RSVNDEGSSD PKDIDQDNRS TSPSIPSPQD
NESDSDSSAQ QQMLQAQPPA LQAPTGVTPA PSSAPPGTPQ LPTPGTPSA TAVPPQGSPT
ASQAPNQPQA PTAPVPHTHI QQAPALHPQR PPSPHPPPSPH SPHPPLQPLT GSAGQPSAPS
HAQPPLHGQG PPGPHSLQAG PLLQHPGPPQ PFGLPPQASQ GQAPLGTSPA AAYPHTSLQL
PASQSALQSQ QPPREQPLPP APLAMPHIKP PPTTPIPQLP APQAHKHPPH LSGPSPFSMN
ANLPPPPALK PLSSLSTHHP PSAHPPPLQL MPQSQPLPSS PAQPPGLTQS QNLPPPPASH
PPTGLHQVAP QPPFAQHPFV PGGPPPITPP TCPSTSTPPA GPGTSAQPPC SGAAASGCSI
AGGSSCPLPT VQIKEEALDD AEEPESPPPP PRSPSPEPTV VDTPSHASQS ARFYKHLDRG
YNSCARDLY FMPLAGSKLA KKREEAIEKA KREAQKARE EREREKEKEK ERERERERER
EAERAACKASS SAHEGRLSDP QLSGPGHMRP SFEPPTTIA AVPPYIGPDT PALRTLSEYA
RPHVMSPTNR NHPFYMPLNP TDPLLAYHMP GLYNVDPTIR ERELREIR EREIRERELR
ERMKPGFEVK PPELDPLHPA ANPMEHFARH SALTIPPTAG PHPFASFHPG LNPLERERLA
LAGPQLRPES SYPDRLAAER IHAERMASLT SDPLARLQMF NVTPHHHQHS HIHSHLHLHQ
QDPLHQGSAG PVHPLVDPLT AGPHLARFPY PPGTLPNPLL GQPPEHEML RHPVFGTPYP
RDLPGAIPPP MSAAHQLQAM HAQSAELQRL AMEQWLHGH PHMHGGHLPS QEDYYSRLKK
EGDKQL **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:	RERE
Alternative Name:	RERE (RERE Products)
Background:	Arginine-glutamic acid dipeptide repeats protein (Atrophin-1-like protein) (Atrophin-1-related protein),FUNCTION: Plays a role as a transcriptional repressor during development. May play a role in the control of cell survival. Overexpression of RERE recruits BAX to the nucleus particularly to POD and triggers caspase-3 activation, leading to cell death. {ECO:0000269 PubMed:11331249}.
Molecular Weight:	172.4 kDa
UniProt:	Q9P2R6
Pathways:	Protein targeting to Nucleus

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