

Datasheet for ABIN7555796

TRERF1 Protein (AA 1-1200) (His tag)



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Overview

Quantity:	1 mg
Target:	TRERF1
Protein Characteristics:	AA 1-1200
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRERF1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TRERF1 Protein expressed in mammalian cells.
Sequence:	MGDQQLYKTN HVAHGSENLF YQQPPLGVHS GLNHNYGNAV TGGGMDAPQA SPISPHFPQD TRDGLGLPVG SKNLGQMDTS RQGGWGSAG PGNHVQLRGN LANSNMMWGA PAQAEPTDGY QYTYSQASEI RTQKLTSGVL HKLDSFTQVF ANQNLRIQVN NMAQVLHTQS AVMDGAPDSA LRQLLSQKPM EPPAPAIPSR YQVVPQQPHP GFTGGLSKPA LQVGQHPTQG HLYYDYQQPL AQVPVQGGQP LQAPQMLSQH MQQMQQHQYY PPQQQQQAGQ QRISMQEIQT QPQQIRPSQP QPPPQQQQPQ QLQLQQRQGS MQIPQYYQPQ PMMQHLQEQQ QQQMHLQPPS YHRDPHQYTP EQAHTVQLIP LGSMSQYYYQ EPQQPYSHPL YQQSHLSQHQ QREDSQLKTY SDRQAQAML SSHGDLGPPD TGMGDPASSD LTRVSSTLPH RPLLSPSGIH LNNMGPQHQQ LSPSAMWPM HLPDGRAQPG SPESSGQPKG AFGEQFDAKN KLTCSICLKE FKNLPALNGH MRSHGGMRAS PNLKQEEGEK VLPPQPQPL PPLPPPPPPPP QLPPEAESLT PMVMPVSVPV KLLPPKPSSQ GFTNSTVAAP SARDKPASSM SDEMPVLEI PRKHQPSVPK AEEPLKTVQE KKKFRHRPEP LFIPPPPSYN PNPAASYSGA TLYQSQLRSP RVLGDHLLLD PTHLPPYTP PPMLSPVRQG

SGLFSNVLIIS GHGPGAHPQL PLTPLTPTPR VLLCRSNSID GSNVTVTPGP GEQTVDVPEPR
INIGLRFQAE IPELQDISAL AQDTHKATLV WKPWPELENH DLQQRVENLL NLCCSSALPG
GGTNSEFALH SLFEAKGDVM VALEMILLRK PVRLKCHPLA NYHYAGSDKW TSLERKLFNK
ALATYSKDFI FVQKMVSKT VAQCVEYYT WKKIMRLGRK HRTRLAEIID DCVTSEEEEE
LEEEEEEDPE EDRKSTKEEE SEVPKSPEPP PVPVLAPTEG PPLQALGQPS GSFICEMPNC
GAVFSSRQAL NGHARIHGGT NQVTKARGAI PSGKQKPGGT QSGYCSVKSS PSHSTTSGET
DPTTIFPCKE CGKVFFKIKS RNAHMKTHRQ QEEQQRQKAQ KAAFAAEMAA TIERTTGPGV
APGLPLDQL SLIKPIKDVD ILDDDVVQQL GGVMEAEVV DTDLLDDQD SVLLQGDAEL

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.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TRERF1
Alternative Name:	TRERF1 (TRERF1 Products)

Target Details

Background:	Transcriptional-regulating factor 1 (Breast cancer anti-estrogen resistance 2) (Transcriptional-regulating protein 132) (Zinc finger protein rapa) (Zinc finger transcription factor TReP-132),FUNCTION: Binds DNA and activates transcription of CYP11A1. Interaction with CREBBP and EP300 results in a synergistic transcriptional activation of CYP11A1. {ECO:0000269 PubMed:11349124, ECO:0000269 PubMed:16371131}.
Molecular Weight:	132.3 kDa
UniProt:	Q96PN7
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Chromatin Binding

Application Details

Application Notes:	We expect the protein to work for functional studies. 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