

Datasheet for ABIN7555837
TRO Protein (AA 1-1431) (His tag)



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Overview

Quantity:	1 mg
Target:	TRO
Protein Characteristics:	AA 1-1431
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRO protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TRO Protein expressed in mammalian cells.
Sequence:	<p>MDRRNDYGYR VPLFQGPLPP PGSLGLPFPP DIQTETTEED SVLLMHTLLA ATKDSLAMDP PVVNRPKKSK TKKAPIKTIT KAAPAAPPVP AANEIATNKP KITWQALNLP VITQISQALP TTEVTNTQAS SVTAQPKKAN KMKRVTAKAA QGSQSPTGHE GGTIQLKSPL QVLKLPVISQ NIHAPIANES ASSQALITSI KPKKASKAKK AANKAIASAT EVSLAATATH TATTQGQITN ETASIHHTAA SIRTCKASKA RKTIAKVINT DTEHIEALNV TDAATRQIEA SVVAIRPKKS KGKKAASRGP NSVSEISEAP LATQIVTNQA LAATLRVKRG SRARKAATKA RATESQTPNA DQGAQAKIAS AQTNVSALET QVAAAVQALA DDYLAQLSLE PTTTRTRGKRN RSKSHLNGDE RSGSNYRRIP WGRRPAPPRD VAILQERANK LVKYLLVKDQ TKIPIKRSDM LRDVIQEYDE YFPEIHERAS YTLEKMFRVN LKEIDKQSSL YILISTQESS AGILGTTKDT PKLGLLMVIL SVIFMNGNKA SEAVIWEVLR KLGLRPGVRH SLFGEVRKLI TDEFVKQKYL EYKRVNSRP PEYEFFWGLR SYHETSKMKV LKFACRVQKK DPKDWAVQYR EAVEMEVQAA AVAVAEAEAR AEARAQMIGIG EAVAGPWNW DDMDIDCLTR EELGDDAQAW SRFSEIEAR AQENADASTN</p>

VNFSRGASTR AGFSDGASIS FNGAPSSSSGG FSGGPGITFG VAPSTSASFS NTASISFGGT
LSTSSSFSSA ASISFGCAHS TSTSFSSSEAS ISFGGMPCTS ASFSGGVSSS FSGPLSTSAT
FSGGASSGFG GTLSTTAGFS GVLSTSTSTSGF SAPTTSTVFS SALSTSTGFG GILSTSVCFG
GSPSSSGSFG GTLSTSTICFG GSPCTSTGFG GTLSTSVSFG GSSSTSANFG GTLSTSTICFD
GSPSTGAGFG GALNTSASFG SVLNTSTGFG GAMSTSADFG GTLSTSVCFG GSPGTSVSFG
SALNTNAGYG GAVSTNTDFG GTLSTSVCFG GSPSTSAGFG GALNTNASFG CAVSTSASFS
GAVSTSACFS GAPITNPGFG GAFSTSAGFG GALSTAADFG GTPSNSIGFG AAPSTSVSFG
GAHGTSLCFG GAPSTSLCFG SASNTNLCFG GPPSTSACFS GATSPSFCDG PSTSTGFSFG
NGLSTNAGFG GGLNTSAGFG GGLGTSAGFS GGLSTSSGFD GGLGTSAGFG GPGTSTGFG
GGLGTSAGFS GGLGTSAGFG GGLVTSAGFG GGLGTNASFG STLGTSAGFS GGLSTSDGFG
SRPNASFDG LSTIIGFGSG SNTSTGFTGE PSTSTGFSSG PSSIVGFSGG PSTGVGFCSG
PSTSGFSGGP STGAGFGGGP NTGAGFGGGP STSAGFGSGA ASLGACFSY G **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:	TRO
Alternative Name:	TRO (TRO Products)
Background:	Trophinin (MAGE-D3 antigen),FUNCTION: Could be involved with bystin and tastin in a cell adhesion molecule complex that mediates an initial attachment of the blastocyst to uterine epithelial cells at the time of the embryo implantation. Directly responsible for homophilic cell adhesion.
Molecular Weight:	143.7 kDa
UniProt:	Q12816

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