Datasheet for ABIN7555716

TEX10 Protein (AA 1-929) (His tag)

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Overview

Quantity:	1 mg
Target:	TEX10
Protein Characteristics:	AA 1-929
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEX10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TEX10 Protein expressed in mammalian cells.
Sequence:	MTKKRKRQHD FQKVKLKVGK KKPKLQNATP TNFKTKTIHL PEQLKEDGTL PTNNRKLNIK DLLSQMHHYN AGVKQSALLG LKDLLSQYPF IIDAHLSNIL SEVTAVFTDK DANVRLAAVQ LLQFLAPKIR AEQISPFFPL VSAHLSSAMT HITEGIQEDS LKVLDILLEQ YPALITGRSS ILLKNFVELI SHQQLSKGLI NRDRSQSWIL SVNPNRRLTS QQWRLKVLVR LSKFLQALAD GSSRLRESEG LQEQKENPHA TSNSIFINWK EHANDQQHIQ VYENGGSQPN VSSQFRLRYL VGGLSGVDEG LSSTENLKGF IEIIIPLLIE CWVEAVPPQL ATPVGNGIER EPLQVMQQVL NIISLLWKLS KQQDETHKLE SWLRKNYLID FKHHFMSRFP YVLKEITKHK RKEPNKSIKH CTVLSNNIDH LLLNLTLSDI MVSLANASTL QKDCSWIEMI RKFVTETLED GSRLNSKQLN RLLGVSWRLM QIQPNREDTE TLIKAVYTLY QQRGLILPVR TLLLKFFSKI YQTEELRSCR FRYRSKVLSR WLAGLPLQLA HLGSRNPELS TQLIDIIHTA AARANKELLK SLQATALRIY DPQEGAVVVL PADSQQRLVQ LVYFLPSLPA DLLSRLSRCC IMGRLSSSLA AMLIGILHMR SSFSGWKYSA KDWLMSDVDY FSFLFSTLTG FSKEELTWLQ SLRGVPHVIQ TQLSPVLLYL TDLDQFLHHW

Product Details

	DVTEAVFHSL LVIPARSQNF DILQSAISKH LVGLTVIPDS TAGCVFGVIC KLLDHTCVVS ETLLPFLASC CYSLLYFLLT IEKGEAEHLR KRDKLWGVCV SILALLPRVL RLMLQSLRVN RVGPEELPVV GQLLRLLLQH APLRTHMLTN AILVQQIIKN ITTLKSGSVQ EQWLTDLHYC FNVYITGHPQ GPSALATVY **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:	TEX10
Alternative Name:	TEX10 (TEX10 Products)
Background:	Testis-expressed protein 10,FUNCTION: Functions as a component of the Five Friends of Methylated CHTOP (5FMC) complex, the 5FMC complex is recruited to ZNF148 by methylated CHTOP, leading to desumoylation of ZNF148 and subsequent transactivation of ZNF148 target genes (PubMed:22872859). Component of the PELP1 complex involved in the nucleolar steps of 28S rRNA maturation and the subsequent nucleoplasmic transit of the pre-60S ribosomal

Target Details

	subunit (PubMed:21326211). {ECO:0000269|PubMed:21326211, ECO:0000269|PubMed:22872859}.
Molecular Weight:	105.7 kDa
UniProt:	Q9NXF1

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

