Datasheet for ABIN7555616

ST18 Protein (AA 1-1047) (His tag)

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Overview

Quantity:	1 mg
Target:	ST18 (ZNF387)
Protein Characteristics:	AA 1-1047
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST18 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ST18 Protein expressed in mammalian cells.
Sequence:	MDAEAEDKTL RTRSKGTEVP MDSLIQELSV AYDCSMAKKR TAEDQALGVP VNKRKSLLMK PRHYSPKADC QEDRSDRTED DGPLETHGHS TAEEIMIKPM DESLLSTAQE NSSRKEDRYS CYQELMVKSL MHLGKFEKNV SVQTVSENLN DSGIQSLKAE SDEADECFLI HSDDGRDKID DSQPPFCSSD DNESNSESAE NGWDSGSNFS EETKPPRVPK YVLTDHKKDL LEVPEIKTEG DKFIPCENRC DSETERKDPQ NALAEPLDGN AQPSFPDVEE EDSESLAVMT EEGSDLEKAK GNLSLLEQAI ALQAERGCVF HNTYKELDRF LLEHLAGERR QTKVIDMGGR QIFNNKHSPR PEKRETKCPI PGCDGTGHVT GLYPHHRSLS GCPHKVRVPL EILAMHENVL KCPTPGCTGR GHVNSNRNTH RSLSGCPIAA AEKLAMSQDK NQLDSPQTGQ CPDQAHRTSL VKQIEFNFPS QAITSPRATV SKEQEKFGKV PFDYASFDAQ VFGKRPLIQT VQGRKTPPFP ESKHFPNPVK FPNRLPSAGA HTQSPGRASS YSYGQCSEDT HIAAAAAILN LSTRCREATD ILSNKPQSLH AKGAEIEVDE NGTLDLSMKK NRILDKSAPL TSSNTSIPTP SSSPFKTSSI LVNAAFYQAL CDQEGWDTPI NYSKTHGKTE EEKEKDPVSS LENLEEKKFP GEASIPSPKP KLHARDLKKE

Product Details

	LITCPTPGCD GSGHVTGNYA SHRSVSGCPL ADKTLKSLMA ANSQELKCPT PGCDGSGHVT GNYASHRSLS GCPRARKGGV KMTPTKEEKE DPELKCPVIG CDGQGHISGK YTSHRTASGC PLAAKRQKEN PLNGASLSWK LNKQELPHCP LPGCNGLGHV NNVFVTHRSL SGCPLNAQVI KKGKVSEELM TIKLKATGGI ESDEEIRHLD EEIKELNESN LKIEADMMKL QTQITSMESN LKTIEEENKL IEQNNESLLK ELAGLSQALI SSLADIQLPQ MGPISEQNFE AYVNTLTDMY SNLERDYSPE CKALLESIKQ AVKGIHV **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:	ST18 (ZNF387)
Alternative Name:	ST18 (ZNF387 Products)
Background:	Suppression of tumorigenicity 18 protein (Zinc finger protein 387),FUNCTION: Repressor that binds to DNA sequences containing a bipartite element consisting of a direct repeat of the sequence 5'-AAAGTTT-3' separated by 2-9 nucleotides. Represses basal transcription activity

Target Details

	from target promoters (By similarity). Inhibits colony formation in cultured breast cancer cells. {ECO:0000250, ECO:0000269|PubMed:15489893}.
Molecular Weight:	115.2 kDa
UniProt:	O60284

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

