

Datasheet for ABIN7564244
ST18 Protein (AA 1-1045) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ST18 (ZNF387)
Protein Characteristics:	AA 1-1045
Origin:	Mouse
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:	MDAEVEDKTL HTLSKGTEVP MDSLIPELRV PYDCSMAKKR RAEEQASGVP INKRKSLLMK PRHYSYDPMGC KESPDNRNED DGLLETNDHA TADEIMVKSM DETLHLPAQD SSLQKKDQYT CYPELMVKSL VHLGKFESE SVQTTCCENLN GSSIQLKAE SDEAHEGSMV HSDNGRDKVH HSQPPFCSSG DSESDDSAE NGWGNNGSNSS EDTDTHKGPK HKLTYNRKDL LEVPEIKAED DKFIPCENRC DSDTDGRDPQ NSHMEPLVVK AQPSPFEVEE GESLATVTEE PAEVEKAKGN LSLLEQAIAL QAERGSVFHH TYKELDRFFL DHLARERRQP RVTDANGRQI FTNKHSRPE RREAKCPIPG CDGTGHVTGL YPHHRSLSGC PHKVRVPLEI LAMHENVLKC PTPGCTGRGH VNSNRNTHRS LSGCPIAAAE KLAMTQDKSQ LDSSQTGQCP EQAHRVNLVK QIEFNFRSHA ITSPRASASK EQEKFGKVPF DYASFDAQVF GKRPLLQTGQ GQKAPPFPES KHFSNPVKFP NGLPSAGAHT QSTVRASSYG HGQYSEDTHI AAAAAILNLS TRCREATDIL SNKPQSLRAK GAEIEVDENG TLDLSMKKNR IHDKSIPPTS SPTTITTPSS SPFNASSLLV NAAFYQALSD QEGWNPINYPY SKSHGKTEEE KEKDPVNFLE NLEEKKFAGE ASIPSPKPKL HTRDLKKELI

Product Details

TCPTPGCDGS GHVTGNYASH RSVSGCPLAD KTLKSLMAAN SQELKCPTPG CDGSGHVTGN
YASHRSLSGC PRARKGGIKM TPTKEEKEDS ELRCPVIGCD GQGHISGKYT SHRTASGCPL
AAKRQKENPL NGAPLSWKLN KQELPHCPLP GCNGLGHVNN VVTHRSLSG CPLNAQAIKK
VKVSEELMTI KLKATGGIDG DEEIRHLDEE IKELNESNLK IEADMMKLQT QITSMESNLK
TIEEENKLIE QSNESLLKEL AGLSQALISS LADIQLPQMG PINEQNFEAY VNTLTDMYSN
LEQDYSPECK ALLESIKQAV KGIHV **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,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 from target promoters (By

Target Details

similarity). {ECO:0000250}.

Molecular Weight: 114.8 kDa

UniProt: [Q80TY4](#)

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