

Datasheet for ABIN7557971
TSGA10 Protein (AA 1-697) (His tag)



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Overview

Quantity:	1 mg
Target:	TSGA10
Protein Characteristics:	AA 1-697
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSGA10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tsga10 Protein expressed in mammalian cells.
Sequence:	<p>MMRNRSKSPR RPSPTSRAAN CDVELLKSTA RDREELKCML EKYERHLAEI QGNVKVLTSE</p> <p>RDKTFLLYEQ AQEEIARLR EMMKSCKSPK STTAHAILRR VETERDVAFT DLRRMTTERD</p> <p>SLRERLKIAQ ETAFNEKAHL EQRIEELECT VHNLDDERME QMANMTLMKE TITVEKEMK</p> <p>SLARKAMDTE SELGRQKAEN NSLRLLYENT EKDLSDTQRH LAKKKYELQL TQEKIMCLDE</p> <p>KIDNFTRQNI AQREEISILG ATLNDLAKEK ECLQACLDKK SENIASLGES LAMKEKTISG</p> <p>MKNIAEMEQ ASRQSTEALI MCEQDISRM RQLDETNDL GQIARERDIL AHENDNLQEQ</p> <p>FAKVKQENQA LSKKLNDTHN ELSDIKQKVQ DTNLEVNLK NILKSESEN RQIMEQLRKA</p> <p>NEDAENWENK ARQTEAENNT LKLELITAEA EGNRLKEKVD ALNREVEQHL NAERSYKSQI</p> <p>ATLHKSLVKM EEELQKVQFE KVSALADLSS TRELCIKLDS SKELLNRQLV AKDQEIEMME</p> <p>NELDSARSEI ELLRSQMTNE RISMQNLEAL LVANRDKEYQ SQIALQEKES EIQLLKEHLC</p> <p>LAENKMAIQS RDVAQFRNVV TQLEADLDIT KRQLGTERFE RERAVQELRR QNYSSNAYNL</p> <p>GPMKPNTKCH SPERAHHRSP DRGLDRSLEE NLCYRDF Sequence without tag. The proposed</p>

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: TSGA10

Alternative Name: Tsga10 ([TSGA10 Products](#))

Background: Testis-specific gene 10 protein,FUNCTION: Plays a role in spermatogenesis (PubMed:14585816). When overexpressed, prevents nuclear localization of HIF1A (PubMed:16777103). {ECO:0000269|PubMed:14585816, ECO:0000269|PubMed:16777103}.

Molecular Weight: 81.3 kDa

UniProt: [Q6NY15](#)

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