

Datasheet for ABIN7562300
TAUT Protein (AA 1-621) (His tag)



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Overview

Quantity:	1 mg
Target:	TAUT
Protein Characteristics:	AA 1-621
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAUT protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinant Slc6a6 Protein expressed in mammalian cells.
Sequence:	<p>MATKEKLQCL KDFHKDILKP SPGKSPGTRP EDEADGKPPQ REKWSSKIDF VLSVAGGFVG LGNVWRFPYL CYKNGGG AFL IPYFIFLFGS GLPVFFLEVI IGQYTSEGGI TCWEKICPLF SGIGYASIVI VLLNYYYIV ILAWATYYLF HSFQKDL PWA HCNHSWNTPQ CMEDTLRRNE SHWVSLSTAN FTSPVIEFWE RNVLSLSSGI DNPGLKDWL ALCLLLVWL V CFFCIWKGVR STGKVVYFTA TFPFAMLLVL LVRGLTLP GA GEGIKFYLYP DISRLGDPQV WIDAGTQIFF SYAICLGAMT SLGSYNKYKY NSYRDCMLLG CLNSGTSFVS GFAIFSILGF MAQEQGV DIA DVAESGPGLA FIAYPKAVTM MPLPTFWSIL FFIMLLLLGL DSQFVEVEGQ ITSLVDLYPS FLRKGYRREI FIAILCSISY LLGLTMVTEG GMYVFQLFDY YAASGVCLLW VAFFECFVIA WIYGGDNLYD GIEDMIGYRP GPWMKYSWAV ITPALCVGCF VFLSVKYVPL TYNKVYRYPD WAIGLGWGLA LSSMLCIPLV IVILLCRTEG PLRVRIKYLI TPREPNRWAV EREGATPFHS RVTLMNGALM KPSHVIVETM M Sequence without tag. The proposed Purification-Tag is</p>

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

TAUT

Alternative Name:

Slc6a6 ([TAUT Products](#))

Background:

Sodium- and chloride-dependent taurine transporter (Solute carrier family 6 member 6),FUNCTION: Mediates sodium- and chloride-dependent transport of taurine (PubMed:1465453, PubMed:9375654, PubMed:30270321). Can also mediate transport of hypotaurine, beta-alanine and gamma-aminobutyric acid (GABA) (PubMed:1465453, PubMed:9375654, PubMed:30270321). {ECO:0000269|PubMed:1465453, ECO:0000269|PubMed:30270321, ECO:0000269|PubMed:9375654}.

Molecular Weight:

69.9 kDa

UniProt:

[O35316](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
