

[Go to Product page](#)

Datasheet for ABIN7551695

TAUT Protein (AA 1-620) (His tag)

Overview

Quantity:	1 mg
Target:	TAUT
Protein Characteristics:	AA 1-620
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAUT protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC6A6 Protein expressed in mammalian cells.
Sequence:	<p>MATKEKLQCL KDFHKDILKP SPGKSPGTRP EDEAEGKPPQ REKWSSKIDF VLSVAGGFVG LGNVWRFPYL CYKNGGG AFL IPYFIFLFGS GLPVFFLEII IGQYTSEGGI TCWEKICPLF SGIGYASVVI VLLNVYYIV ILAWATYYLF QSFQKELPWA HCNHSWNTPH CMEDTMRKNK SVWITISSTN FTSPVIEFWE RNVLSLSPGI DHPGSLKWDL ALCLLLVWL V CFFCIWKGVR STGKVVYFTA TFPFAMLLVL LVRGLTLPGA GAGIKFYLYP DITRLED PQV WIDAGTQIFF SYAICLGAMT SLGSYNKYKY NSYRDCMLLG CLNSGTSFVS GFAIFSILGF MAQEQGV DIA DVAESGPGLA FIAYPKAVTM MPLPTFWSIL FFIMLLLLGL DSQFVEVEGQ ITSLVDLYPS FLRKG YRREI FIAFVCSISY LLGLTMVTEG GMYVFQLFDY YAASGVCLLW VAFFECFVIA WIYGGDNLYD GIEDMIGYRP GPWMKYSWAV ITPVLCVGCF IFSLVKYVPL TYNKTYVYPN WAIGLGWSLA LSSMLCVPLV IVIRLCQTEG PFLVRVKYLL TPREP NRWAV EREGATPYNS RTVMNGALVK PTHIIVETMM Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</p>

Product Details

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: 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:8382624, PubMed:8010975, PubMed:8654117, PubMed:31345061, PubMed:31903486). Mediates transport of beta-alanine (PubMed:8010975). Can also mediate transport of hypotaurine and gamma-aminobutyric acid (GABA) (By similarity). {ECO:0000250|UniProtKB:O35316, ECO:0000269|PubMed:31345061, ECO:0000269|PubMed:31903486, ECO:0000269|PubMed:8010975, ECO:0000269|PubMed:8382624, ECO:0000269|PubMed:8654117}., FUNCTION: Sodium-dependent taurine and beta-alanine transporter. Chloride ions are necessary for optimal uptake. {ECO:0000269|PubMed:31345061, ECO:0000269|PubMed:31903486,

Target Details

ECO:0000269|PubMed:8382624}.

Molecular Weight: 69.8 kDa

UniProt: [P31641](#)

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