

PRODUCT DATA SHEET



Bioworld Technology CO., Ltd.

TAUT (G594) Peptide

Cat No.: BS9162P

Background

Taurine is an abundant organic osmolyte that possesses antioxidant and immunomodulatory properties and plays a role in cell volume homeostasis. Taurine is taken up into cells via the taurine transporter (TAUT). TAUT, which is sodium- and chloride-dependent, is a multi-pass membrane protein belonging to the sodium neurotransmitter symporter (SNF) family of proteins. TNF α upregulates TAUT expression, while phosphorylation on Serine 322 downregulates it. Overexpression of TAUT protects renal cells from cisplatin-induced nephrotoxicity.

Swiss-Prot

P31641

Applications

Blocking

Specificity

This peptide can be used with studies using BS9162 TAUT (G594) pAb.

Purification & Purity

Synthetic peptide TAUT (G594). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.