

TBL1Y (N-term) Blocking peptide
Synthetic peptide
Catalog # BP19654a

Specification

TBL1Y (N-term) Blocking peptide - Product Information

Primary Accession [Q9BQ87](#)

TBL1Y (N-term) Blocking peptide - Additional Information

Gene ID 90665

Other Names

F-box-like/WD repeat-containing protein TBL1Y, Transducin beta-like protein 1Y, Transducin-beta-like protein 1, Y-linked, TBL1Y, TBL1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TBL1Y (N-term) Blocking peptide - Protein Information

Name TBL1Y

Synonyms TBL1

Function

F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units. Plays an essential role in transcription activation mediated by nuclear receptors. Probably acts as integral component of corepressor complexes that mediates the recruitment of the 19S proteasome complex, leading to the subsequent proteasomal degradation of transcription repressor complexes, thereby allowing cofactor exchange (By similarity).

Cellular Location

Nucleus.

Tissue Location

Fetal brain and prostate. Expressed in the cochlear spiral ganglion neurons, and in outer and inner hair cells (PubMed:30341416).

TBL1Y (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TBL1Y (N-term) Blocking peptide - Images

TBL1Y (N-term) Blocking peptide - Background

The protein encoded by this gene has sequence similarity with members of the WD40 repeat-containing protein family. The WD40 group is a large family of proteins, which appear to have a regulatory function. It is believed that the WD40 repeats mediate protein-protein interactions and members of the family are involved in signal transduction, RNA processing, gene regulation, vesicular trafficking, cytoskeletal assembly and may play a role in the control of cytotypic differentiation. This gene is highly similar to TBL1X gene in nucleotide sequence and protein sequence, but the TBL1X gene is located on chromosome X and this gene is on chromosome Y. This gene has three alternatively spliced transcript variants encoding the same protein.

TBL1Y (N-term) Blocking peptide - References

Serajee, F.J., et al. J. Child Neurol. 24(10):1258-1261(2009) Russo, P., et al. Arterioscler. Thromb. Vasc. Biol. 28(8):1569-1574(2008) Agate, R.J., et al. Mol. Biol. Evol. 21(2):384-396(2004) Skaletsky, H., et al. Nature 423(6942):825-837(2003)