

TLE1 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21035a**Specification**

TLE1 Blocking Peptide (N-term) - Product InformationPrimary Accession [Q04724](#)**TLE1 Blocking Peptide (N-term) - Additional Information****Gene ID** 7088**Other Names**

Transducin-like enhancer protein 1, E(Sp1) homolog, Enhancer of split groucho-like protein 1, ESG1, TLE1

Target/Specificity

The synthetic peptide sequence is selected from aa 187-201 of HUMAN TLE1

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.

TLE1 Blocking Peptide (N-term) - Protein Information**Name** TLE1**Function**

Transcriptional corepressor that binds to a number of transcription factors. Inhibits NF-kappa-B-regulated gene expression. Inhibits the transcriptional activation mediated by FOXA2, and by CTNNB1 and TCF family members in Wnt signaling. Enhances FOXG1/BF- 1- and HES1-mediated transcriptional repression (By similarity). The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Unusual function as coactivator for ESRRG.

Cellular Location

Nucleus. Note=Nuclear and chromatin-associated, depending on isoforms and phosphorylation status. Hyperphosphorylation decreases the affinity for nuclear components

Tissue Location

In all tissues examined, mostly in brain, liver and muscle

TLE1 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

TLE1 Blocking Peptide (N-term) - Images

TLE1 Blocking Peptide (N-term) - Background

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TLE1 Blocking Peptide (N-term) - References

Stifani S.,et al.Nat. Genet. 2:119-127(1992).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Wang J.-C.,et al.J. Biol. Chem. 275:18418-18423(2000).