

ENOSF1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16426a**Specification**

ENOSF1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q7L5Y1](#)**ENOSF1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 55556**Other Names**

Mitochondrial enolase superfamily member 1, Antisense RNA to thymidylate synthase, rTS, L-fuconate dehydratase, ENOSF1, RTS, TYMSAS

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.

ENOSF1 Antibody (N-term) Blocking Peptide - Protein Information**Name** ENOSF1**Synonyms** RTS, TYMSAS**Function**

Plays a role in the catabolism of L-fucose, a sugar that is part of the carbohydrates that are attached to cellular glycoproteins. Catalyzes the dehydration of L-fuconate to 2-keto-3-deoxy-L-fuconate by the abstraction of the 2-proton to generate an enediolate intermediate that is stabilized by the magnesium ion (PubMed:24697329).

Cellular Location

Mitochondrion.

ENOSF1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ENOSF1 Antibody (N-term) Blocking Peptide - Images

ENOSF1 Antibody (N-term) Blocking Peptide - Background

ENOSF1 was originally identified as a naturally occurring antisense transcript to the human thymidylate synthase gene. Alternate splice variants have been described, one of which (named rTSalpha) represents an alternate 3'UTR that is complementary to the 3'UTR and terminal intron of the thymidylate synthase (TS) RNA and down-regulates TS expression. Other transcript variants (rTSbeta and rTSgamma) do not overlap the TS locus. The function of this gene appears to be primarily to regulate expression of the TS locus both via the antisense transcript as well as through the encoded proteins. [provided by RefSeq].

ENOSF1 Antibody (N-term) Blocking Peptide - References

Giusti, B., et al. Thromb. Haemost. 104(2):231-242(2010) Wang, Y., et al. J. Hum. Genet. 55(8):490-494(2010) Cross, D.S., et al. BMC Genet. 11, 51 (2010) :Giusti, B., et al. J. Med. Genet. 45(11):721-730(2008) Giusti, B., et al. Biochem. Genet. 46 (7-8), 406-423 (2008) :