

Cat. No. ENOSF1-3318H Lot. No. (See product label)

Product Overview

Human ENOSF1 full-length ORF (BAC87148.1, 1 a.a. - 474 a.a.) recombinant protein with GST-tag at N-terminal.

Species

Human

Source

Wheat Germ

Description

This gene 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, Mar 2010]

Molecular Mass

78.9 kDa

AA Sequence

MVSADAMVSADAMVSADAMVSADAMVSADAMVSADAMVSADAMVSADA
MVSADAMVSADAMVSADAMHTDPDYSAAVVIETDAEDGIKGCGITFTLGKGTEVV
VCAVNALAHHVLNKDLKDIVGDFRGFYRQLTSDGQLRWIGPEKGVVHLATAAVLNA
VWDLWAKQEGKPVWKLLVDM DPRMLVSCIDFRYITDVLTEEDALEILQKGQIGKKER
EKQMLAQGYPAYTTSCAWLGYSDDTLKQLCAQALKDGWTRFKVKVGADLQDDMR
RCQIIRDMIGPEKTLMM DANQRWDVPEAVEWMSKLAKFKPLWIEEPTSPDDILGHAT

ISKCHNRVIFKQLLQAKALQFLQIDSCRLGSVNENLSVLLMAKKFEIPVCPHAGGVGL
 CELVQHLLIFDYISVSASLENRVCEYVDHLHEHFKYPVMIQRASYMPPKDPGYSTEMK
 EESVKKHQYPDGEVWKKLLPAQEN

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ENOSF1 enolase superfamily member 1 \[Homo sapiens \]](#)

Official Symbol

[ENOSF1](#)

Synonyms

ENOSF1; enolase superfamily member 1; mitochondrial enolase superfamily member 1; HSRTSBETA; rTS; TYMSAS; rTS beta; rTS alpha; antisense RNA to thymidylate synthase; RTS;

Gene ID

[55556](#)

mRNA Refseq

[NM_001126123](#)

Protein Refseq

[NP_001119595](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	607427
-----	--------

UniProt ID	Q7L5Y1
------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA