

## Recombinant Human ENOSF1, T7-tagged

Cat. No. ENOSF1-2971H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ENOSF1 (1-416 aa) is expressed in <i>E.Coli</i> with a T7 tag at N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-416 a.a.
<b>Description</b>	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.
<b>MW</b>	46893 Da.
<b>Purity</b>	95%.
<b>Formulation</b>	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN <sub>3</sub> .
<b>Application</b>	MS. SDS.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**GENE INFORMATION**

<b>Gene Name</b>	ENOSF1 enolase superfamily member 1 [ Homo sapiens ]
<b>Synonyms</b>	ENOSF1; enolase superfamily member 1; antisense RNA to thymidylate synthase; mitochondrial enolase superfamily member 1; rTS alpha; rTS beta; HSRTSBETA; RTS; TYMSAS; EC 5.-.-.-
<b>Gene ID</b>	55556
<b>mRNA Refseq</b>	NM_001126123
<b>Protein Refseq</b>	NP_001119595
<b>MIM</b>	607427
<b>UniProt ID</b>	Q7L5Y1
<b>Chromosome Location</b>	18p11.32
<b>Function</b>	isomerase activity; metal ion binding; molecular_function

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