

## Recombinant Human ENOSF1 protein, T7-tagged

Cat. No. ENOSF1-161H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ENOSF1 (443aa) fused with T7 Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	443 a.a.
<b>Form</b>	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGEFMVRGRISRLSVRDVRFPTSLGGHGADAMHTDPDYSAAYV VIETDAEDGIKGCGITFTLGK GTEVVVCAVNALAHHVLNKDLKDIVGDFRGRFYRQLTS DGQLRWIGPEKGVVHLATAAVLNAVWDLWAKQEGKPVW KLLVDM DPRMLVSCIDF RYITDVLTEEDALEILQKGQIGKKEREKQMLAQGYPAYTTSCAWLGYSDDTLKQLCA Q ALKDGWTRFKVKVGADLQDDMRRCQIIRDMIGPEKTLMM DANQRWDVPEAVEV MSKLAKFKPLWIEEPTSPDDIL GHATISKALVPLGIGIATGEQCHNRVIFKQLLQAKAL QFLQIDSCRLG SVNENLSVLLMAKKFEIPVCPHAGGVG LCELVQHLIIFDYISVSASLE NRVCEYVDHLHEHFKYPVMIQRASYMPPKDPGYSTEMKEESVKKHQYPDGEVVK KLLPAQEN
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro methionine metabolism pathway regulation study with

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recombinant ENOSF1 protein intracellular delivery methods<sup>2</sup>. As soluble/native protein, may be used as enzymatic substrate protein for ubiquitin assay.<sup>3</sup> May be used for mapping protein–protein interaction assay.<sup>4</sup> May be used as antigen for specific antibody development.

**Storage**

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

## 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

**MIM** 607427

**UniProt ID** Q7L5Y1

**Chromosome Location** 18p11.32

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**Function**

isomerase activity; metal ion binding; molecular\_function;

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