

Recombinant Human ENOSF1 protein, T7-tagged

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

SPECIFICATION

Product Overview	Recombinant human ENOSF1 (443aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	443 a.a.
Form	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.
AA Sequence	MASMTGGQQMGRGEFMVRGRISRLSVRDVRFPTSLGGHGADAMHTDPDYSAAYV VIETDAEDGIKGCGITFTLGK GTEVVVCAVNALAHVNLNKLKDIVGDFRGFYRQLTS DGQLRWIGPEKGVVHLATAAVLNAVWDLWAKQEGKPVW KLLVDM DPRMLVSCIDF RYITDVLTEEDALEILQKGQIGKKEREKQMLAQGYPAYTTSCAWLGYSDDTLKQLCA Q ALKDGWTRFKVKVGADLQDDMRRCQIIRDMIGPEKTLMM DANQRWDVPEAVEW MSKLAKFKPLWIEEPTSPDDIL GHATISKALVPLGIGIATGEQCHNRVIFKQLLQAKAL QFLQIDSCRLGSVNENLSVLLMAKKFEIPVCPHAGGVG LCELVQHLIIFDYISVSASLE NRVCEYVDHLHEHFKYPVMIQRASYMPPKDPGYSTEMKEESVKKHQYPDGEVWK KLLPAQEN
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro methionine metabolism pathway regulation study with

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recombinant ENOSF1 protein intracellular delivery methods². As soluble/native protein, may be used as enzymatic substrate protein for ubiquitin assay³. May be used for mapping protein–protein interaction assay⁴. 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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