

Recombinant Full Length Human TYMP Protein, GST-tagged

Cat. No. TYMP-4756HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ECGF1 full-length ORF (AAH52211.1, 1 a.a. - 482 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	482 amino acids
Description	This gene encodes an angiogenic factor which promotes angiogenesis in vivo and stimulates the in vitro growth of a variety of endothelial cells. It has a highly restricted target cell specificity acting only on endothelial cells. Mutations in this gene have been associated with mitochondrial neurogastrointestinal encephalomyopathy. Multiple alternatively spliced transcript variants have been identified. [provided by RefSeq, Apr 2012]
Molecular Mass	76.4 kDa
AA Sequence	MAALMTPGTGAPPAPGDFSGEGSQGLPDPSPEPKQLPELIRMKRDGGRLSEADIRG FVAADVNGSAQGAQIGAMLMAIRLRGMDLEETSVLTQALAQSGQQLEWPEAWRQQ LVDKHSTGGVGDKVSLVLAPALAACGCKVPMISGRGLGHTGGTLDKLESIPGFNVIQ SPEQMQVLLDQAGCCIVGQSEQLVPADGILYAARDVTATVDSLPLITASILSKKLVEG LSALVVDVKFGGAAVFPNQEQAARELAKTLVGVGASLGLRVAAALTAMDKPLGRCVG HALEVEEALLCMDGAGPPDLRDLVTTLGGALLWLSGHAGTQAQGAARVAAALDDG SALGRFERMLAAQGVDPGLARALCSGSPAERRQLLPRAREQEELLAPADGTVELVR

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ALPLALVLHELGAGRSRAGEPLRLGVGAELLVDVGQRLRRGTPWLRVHRDGPALSG
PQSRALQEALVLSRAPFAAPLPFAELVLPPQQ

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

TYMP thymidine phosphorylase [Homo sapiens]

Official Symbol

TYMP

Synonyms

TYMP; thymidine phosphorylase; ECGF1, endothelial cell growth factor 1 (platelet derived) , MNGIE; gliostatin; tdRPase; TP; ECGF; ECGF1; MNGIE; MEDPS1; MTDPS1; PDECGF; hPD-ECGF;

Gene ID

1890

mRNA Refseq

NM_001113755

Protein Refseq

NP_001107227

MIM

131222

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