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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TSMF (Human) Recombinant Protein (Q02)

Catalog Number: H00010102-Q02

Regulation Status: For research use only (RUO)

Product Description: Human TSMF partial ORF (NP_005717.2, 161 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

KVQWLTPVNLALWEAEAGGSLEGFLNSSELSGLPAGP
DREGSLKDQLALAIGKLGEMILKRAAWVKVPSGFYV
GSYVHGAMQSPSLHKLVLGKYGALVI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10102

Gene Symbol: TSMF

Gene Alias: COXPD3, EF-TS, EF-Tsmt

Gene Summary: Synthesis of the 13 mitochondrial-encoded proteins occurs on a dedicated mitochondrial translation apparatus similar to that found in prokaryotes and requires, in addition to the tRNAs and rRNAs encoded in mtDNA, the concerted action of

several translation factors and a large number of mitochondrial ribosomal proteins, all of which are encoded by nuclear genes. The TSMF gene encodes a mitochondrial translation elongation factor (Smeitink et al., 2006 [PubMed 17033963]).[supplied by OMIM]