

# Recombinant Full Length Human Protein-Tyrosine Sulfotransferase 2(Tpst2) Protein, His-Tagged

**Cat. No.** RFL9789HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human Protein-tyrosine sulfotransferase 2(TPST2) Protein (O60704) (1-377aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | Full Length (1-377)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p> MRLSVRRVLLAAGCALVLVLAVQLGQQVLECRVLAGLRSPRGAMRPEQEELVMV<br/> GTNHVEYRYGKAMPLIFVGGVPRSGTTLMRAMLDHPEVRCGEETRIIPRVLAMRQ<br/> AWSKSGREKLRLDEAGVTDEVLDAA MQAFLEVI AKHGEPARVLCNKDPFTLKSSVY<br/> LSRLFPNSKFLLMVRDGRASVHSMITRKVTIAGFDLSSYRDCLTKWNKAIEVMYAQC<br/> MEVGKEKCLPVYYEQLVLHPRRSLKLILDFLGIAWSDAVLHHEDLIGKPGGVSLSKIE<br/> RSTDQVIKPVNLEALSKWTGHIPGDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDP<br/> FVINNTQRV LKGDYKTPANLKG YFQVNQNSTSSH LGSS </p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                                          |

 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

for up to one week.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name**

TPST2

**Synonyms**

EC 2.8.2.20; Protein tyrosine sulfotransferase 2; Protein-tyrosine sulfotransferase 2; TANGO13B; TPST-2; Tpst2; TPST2\_HUMAN; Transport and golgi organization 13 homolog B; Tyrosylprotein phosphotransferase 2; Tyrosylprotein sulfotransferase 2

**UniProt ID**

[O60704](#)

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