

TPST2, 26-377aa, Human, His tag, E.coli

Cat.NO.: TP04295

3th Edition

Synonyms:Protein-tyrosine sulfotransferase 2, Tyrosylprotein sulfotransferase 2

Description:TPST2 catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The protein is a type II integral membrane protein found in the Golgi body. Two transcript variants encoding the same protein have been found for this gene. Recombinant human TPST2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol.

Molecular Weight:41 kDa (375aa)

Sequences:

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MGSSHHHHHHSSGLVPRGSHMGSQQVLECRVLAGLRSPRGAMRPEQEELVMVGTNHVEYRYGKAMPLIFVGG
VPRSGTTLMRAMLDAHPEVRCGEETRIIPRVLAMRQAWSKSGREKLRLEAGVTDEVLDAAMQAFILEVIAKHGEP
ARVLCNKDPFTLKSSVYLSRLFNPNSKFLLMVRDGRASVHSMITRKVTIAGFDLSSYRDCLTKWNKAIEVMYAQCME
VGKEKCLPVYYEQLVLHPRRSLKLIDFLGIAWSDAVLHHEDLIGKPGGVSLSKIERSTDQVIKPVNLEALSKWTGHIP
GDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDPFVINNTQRVLKGDYKTPANLKG YFQVNQNSTSSHLGSS
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Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.