

Recombinant Human TPK1 protein, GST-tagged

Cat. No. TPK1-3611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPK1 protein(Q9H3S4)(1-243aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-243aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.3 kDa
AA Sequence	MEHAFTPLEPLLSTGNLKYCLVILNQPLDNYFRHLWNKALLRACADGGANRLYDITE GERESFLPEFINGDFDSIRPEVREYYATKGCELSTPDQDHTDFTKCLKMLQKKIEEK DLKVDVIVTLGGLAGRFDQIMASVNTLFQATHITPFPIIIQEESLIYLLQPGKHRHLHVD TGMEGDWCGLPVGQPCMQVTTTGLKWNLTNDVLAFTLVSTSN TYD GSGVVTVET DHPLLWTMAIKS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

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%.

GENE INFORMATION

Gene Name TPK1 thiamin pyrophosphokinase 1 [Homo sapiens]

Official Symbol TPK1

Synonyms TPK1; thiamin pyrophosphokinase 1; HTPK1; placental protein 20; PP20; thiamine diphosphokinase; thiamine kinase; thiamine pyrophosphokinase 1; THMD5;

Gene ID 27010

mRNA Refseq NM_001042482

Protein Refseq NP_001035947

MIM 606370

UniProt ID Q9H3S4

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