

Recombinant Human TPH1 protein, GST-tagged

Cat. No. TPH1-30166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPH1 (64-123 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr64-Leu123
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	VDCDINREQLNDIFHLLKSHTNVLSVNLDPNFTLKEDGMETVPWFPPKKISDLDDHCAN RVL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	TPH1 tryptophan hydroxylase 1 [Homo sapiens]
Official Symbol	TPH1
Synonyms	TPH1; tryptophan hydroxylase 1; TPH, TPRH, tryptophan hydroxylase (tryptophan 5 monooxygenase); tryptophan 5-hydroxylase 1; tryptophan 5 monooxygenase; L-tryptophan hydroxylase; tryptophan 5-monooxygenase 1; indoleacetic acid-5-hydroxylase; tryptophan hydroxylase (tryptophan 5-monooxygenase); TPRH; TRPH; MGC119994;
Gene ID	7166
mRNA Refseq	NM_004179
Protein Refseq	NP_004170
MIM	191060
UniProt ID	P17752

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