Recombinant Human TPH1 protein, His-tagged

Cat. No. TPH1-3127H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPH1 protein(1-130 aa), fused with N-terminal His tag, was expressed in E. coli.
ProteinLength	1-130 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	MIEDNKENKDHSLERGRASLIFSLKNEVGGLIKALKIFQEKHVNLLHIESRKSKRRNSE FEIFVDCDINREQLNDIFHLLKSHTNVLSVNLPDNFTLKEDGMETVPWFPKKISDLDH CANRVLMYGSELD

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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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SDS-PAGE



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