Recombinant Human TPH2, GST-tagged

Cat. No. TPH2-3368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPH2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-75aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	TPH2 tryptophan hydroxylase 2 [Homo sapiens]
Official Symbol	TPH2
Synonyms	TPH2; tryptophan hydroxylase 2; tryptophan 5-hydroxylase 2; FLJ37295; NTPH; tryptophan 5-monooxygenase 2; neuronal tryptophan hydroxylase; ADHD7; MGC138871; MGC138872;

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Gene ID	121278
mRNA Refseq	NM_173353
Protein Refseq	NP_775489
MIM	607478
UniProt ID	Q8IWU9
Chromosome Location	12q15
Pathway	Amine-derived hormones, organism-specific biosystem; Melatonin biosynthesis, tryptophan =>serotonin => melatonin, organism-specific biosystem; Melatonin biosynthesis, tryptophan => serotonin => melatonin, conserved biosystem;
Function	amino acid binding; iron ion binding; metal ion binding; tryptophan 5-monooxygenase activity;

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