

Recombinant Human TPH2 Protein, MYC/DDK-tagged

Cat. No. TPH2-2449H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPH2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the pterin-dependent aromatic acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene may be associated with psychiatric diseases such as bipolar affective disorder and major depression.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	TPH2 tryptophan hydroxylase 2 [Homo sapiens]
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Official Symbol	TPH2
Synonyms	ADHD7; NTPH
Gene ID	121278
mRNA Refseq	NM_173353
Protein Refseq	NP_775489
MIM	607478
UniProt ID	Q8IWU9

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