

Recombinant Mouse Tph2 Protein, Myc/DDK-tagged

Cat. No. Tph2-6595M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tryptophan hydroxylase 2 (Tph2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in cerebellum adult (RPKM 1.7), CNS E18 (RPKM 1.0) and 8 other tissues.
Molecular Mass	55.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Tph2 tryptophan hydroxylase 2 [Mus musculus (house mouse)]
Official Symbol	Tph2
Synonyms	TPH2; tryptophan hydroxylase 2; tryptophan 5-hydroxylase 2; tryptophan 5-monooxygenase 2; neuronal tryptophan hydroxylase; Ntph; AU043594; MGC159133
Gene ID	216343
mRNA Refseq	NM_173391
Protein Refseq	NP_775567
UniProt ID	Q8CGV2

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