Recombinant Human TH Protein, MYC/DDK-tagged

Cat. No. TH-899H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TH protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	55.4 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	tyrosine hydroxylase[Homo sapiens]

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Official Symbol	TH
Synonyms	DYT14; DYT5b; TYH
Gene ID	7054
mRNA Refseq	NM_000360.3
Protein Refseq	NP_000351
MIM	191290
UniProt ID	P07101

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