

Recombinant Human TH protein, His-tagged

Cat. No. TH-2553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TH protein(P07101-3) (Pro 2-Gly 497) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-497 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly.
Molecular Mass	The recombinant human TH consists of 515 amino acids and has a calculated molecular mass of 57.6 kDa. It migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name TH tyrosine hydroxylase [Homo sapiens]

Official Symbol TH

Synonyms TH; tyrosine hydroxylase; tyrosine 3-monoxygenase; DYT5b; tyrosine 3 monoxygenase; dystonia 14; tyrosine 3-hydroxylase; TYH; DYT14;

Gene ID 7054

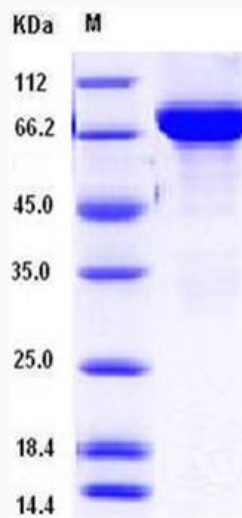
mRNA Refseq NM_000360

Protein Refseq NP_000351

MIM 191290

UniProt ID P07101

SDS-PAGE



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