

Recombinant Mouse Th protein, His-tagged

Cat. No. Th-2554M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Th protein(P24529)(Pro2-Ser498), fused with His tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Pro2-Ser498
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse TH consists of 516 amino acids and has a calculated molecular mass of 58 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name	Th tyrosine hydroxylase [<i>Mus musculus</i>]
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Official Symbol	Th
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Synonyms	TH; tyrosine hydroxylase; tyrosine 3-monooxygenase; tyrosine 3-hydroxylase;
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Gene ID	21823
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mRNA Refseq	NM_009377
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Protein Refseq	NP_033403
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