

Recombinant Mouse TPH1 protein, His-SUMO-tagged

Cat. No. TPH1-1723M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TPH1 protein is produced by E. coli expression system. This protein is fused with a His-SUMO tag at the N-terminal.
Species	Mouse
Source	E.coli
ProteinLength	1-447aa
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	67.3 kDa
AA Sequence	MIEDNKENKENKDHSSERGRVTLIFSLNEVGGLIKVLKIFQENHVSLHIESRKSQ RNSEFEIFVDCDISREQLNDIFPLLKSHATVLSVDSPDQLTAKEDVMETVPWFPPKIS DLDFCANRVLLYGSELDADHPGFKDNVYRRRRKYFAELAMNYKHGDPIPKIEFTEEE IKTWGTIFRELNKLYPTHACREYLRNLPLLSKYCGYREDNIPQLEDVSNFLKERTGFSI RPVAGYLSRPDFLSGLAFRVFHCTQYVRHSSDPLYTPEPDTCHELLGHVPLLAEPSF AQFSQEIGLASLGASEETVQKLATCYFFTVEFGLCKQDQGQLRVFGAGLLSSISELKH ALSGHAKVKPFDPKIACKQECLITSFQDVYFVSESFEDAKEKMREFAKTVKRPFGK YNPYTQSVQVLRDTSITSAMNELRYDLVDISDALARVTRWPSV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Stability

Samples are stable for up to twelve months from date of receipt at -70 centigrade.

Storage

Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted 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.

GENE INFORMATION

Gene Name

Tph1 tryptophan hydroxylase 1 [*Mus musculus*]

Official Symbol

TPH1

Synonyms

Tryptophan 5-monooxygenase 1; TPH1; tryptophan hydroxylase 1; tryptophan 5-hydroxylase 1; Tph;

Gene ID

21990

mRNA Refseq

NM_001136084

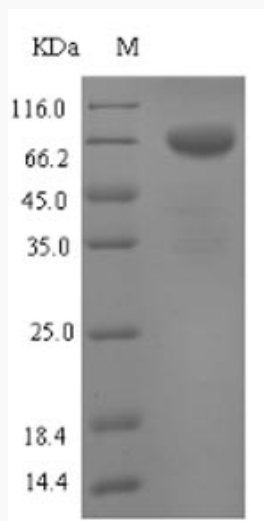
Protein Refseq

NP_001129556

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