

Tryptophan 5-hydroxylase 1 Recombinant Protein | Tph1 recombinant protein

Recombinant Mouse Tryptophan 5-hydroxylase 1

CATALOG # AAA113500	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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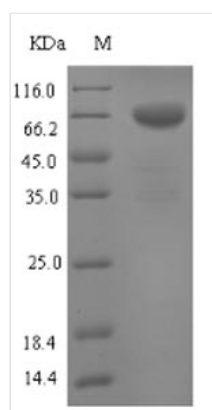
PRODUCT SYNONYMS

Tryptophan 5-hydroxylase 1; Recombinant Mouse Tryptophan 5-hydroxylase 1; Tryptophan 5-monoxygenase 1; Tph1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-447aa; Full Length
Sequence	MIEDNKENKE NKDHSSERGR VTLIFSLNE VGGLIKVLKI FQENHVSLIH IESRKSQRN SEFEIFVDCD ISREQLNDIF PLLKSHATVL SVDSPDLTA KEDVMETVPW FPKKISDLDF CANRVLLYGS ELDADHPGFK DNVYRRRRKY FAELAMNYKH GDPIPKIEFT EEEIKTWGTI FRELNKLYPT HACREYLRNL PLLSKYCGYR EDNIPQLEDV SNFLKERTGF SIRPVAGYLS PRDFLSGLAF RVFHCTQYVR HSSDPLYTPE PDTCHELLGH VPLLAEPSFA QFSQEIGLAS LGASEETVQK LATCYFFTVE FGLCKQDGQL RVFGAGLLSS ISELKHALSG HAKVKPFDPK IACKQECLIT SFQDVYFVSE SFEDAKEKMR EFAKTVKRPF GLKYNPYTQS VQVLRDTKSI TSAMNELRYD LDVISDALAR VTRWPSV
Sequence Length	447
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Tph1 recombinant protein	L-tryptophan + tetrahydrobiopterin + O ₂ = 5-hydroxy-L-tryptophan + 4a-hydroxytetrahydrobiopterin.
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Product Categories/Family for Tph1 recombinant protein	Signal Transduction
References	"Characterization and chromosomal mapping of a cDNA encoding tryptophan hydroxylase from a mouse mastocytoma cell line." Stoll J., Kozak C.A., Goldman D. Genomics 7:88-96(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862985
NCBI GeneID	21990
NCBI Accession #	NP_001129556.1
NCBI GenBank Nucleotide #	NM_001136084.2
UniProt Accession #	P17532
Molecular Weight	67.3 kDa
NCBI Official Full Name	tryptophan 5-hydroxylase 1 isoform 1
NCBI Official Synonym Full Names	tryptophan hydroxylase 1
NCBI Official Symbol	Tph1
NCBI Official Synonym Symbols	Tph
NCBI Protein Information	tryptophan 5-hydroxylase 1
UniProt Protein Name	Tryptophan 5-hydroxylase 1
UniProt Gene Name	Tph1
UniProt Synonym Gene Names	Tph
UniProt Entry Name	TPH1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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