



# Recombinant Mouse Tryptophan 5-hydroxylase 1 (Tph1)

<b>Product Code</b>	CSB-YP024100MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P17532
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           MIEDNKENKE NKDHSSERGR VTLIFSLENE VGGLIKVLKI FQENHVSL LH            IESRKSQRN SEFEIFVDCD ISREQLNDIF PLLKSHATVL SVDSPDQLTA            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         </p>
<b>Source</b>	Yeast
<b>Target Names</b>	Tph1
<b>Protein Names</b>	Recommended name: Tryptophan 5-hydroxylase 1 EC= 1.14.16.4 Alternative name(s): Tryptophan 5-monoxygenase 1
<b>Expression Region</b>	1-447
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.