



Recombinant Mouse Tryptophan 5-hydroxylase 1 (Tph1)

Product Code	CSB-EP024100MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P17532
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	<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 FGLCKQDQQL RVFGAGLLSS ISELKHALSG HAKVKPFDPK IACKQECLIT SFQDVYFVSE SFEDAKEKMR EFAKTVKRPF GLKYNPYTQS VQVLRDTKSI TSAMNELRYD LDVISDALAR VTRWPSV </p>
Source	E.coli
Target Names	Tph1
Protein Names	Recommended name: Tryptophan 5-hydroxylase 1 EC= 1.14.16.4 Alternative name(s): Tryptophan 5-monooxygenase 1
Expression Region	1-447
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	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.
Shelf Life	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.