



Recombinant Human Tryptophan 5-hydroxylase 1 (TPH1)

Product Code	CSB-EP024100HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P17752
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MIEDNKENKD HSLERGRASL IFSLKNEVGG LIKALKIFQE KHVNLLHIES RKSKRRNSEF EIFVDCDINR EQLNDIFHLL KSHTNVLSVN LPDNFTLKED GMETVPWFPK KISDLDHCAN RVLMYGSELD ADHPGFKDNV YRKRRKYFAD LAMNYKHGDP IPKVEFTEEE IKTWGTVFQE LNKLYPTHAC REYLKLNPLLL SKYCGYREDN IPQLEDVSNF LKERTGFSIR PVAGYLSPRD FLSGLAFRVF HCTQYVRHSS DPFYTPEPDT CHELLGHVPL LAEPSFAQFS QEIGLASLGA SEEAQQKLAT CYFFTVEFGL CKQDQQLRVF GAGLLSSISE LKHALSGHAK VKPFDPKITC KQECLITTFQ DVYFVSESEFE DAKEKMREFT KTIKRPFGVK YNPYTRSIQI LKDTKSITSA MNELQHDL DV VSDALAKVSR KPSI
Source	E.coli
Target Names	TPH1
Protein Names	Recommended name: Tryptophan 5-hydroxylase 1 EC= 1.14.16.4 Alternative name(s): Tryptophan 5-monoxygenase 1
Expression Region	1-444
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.