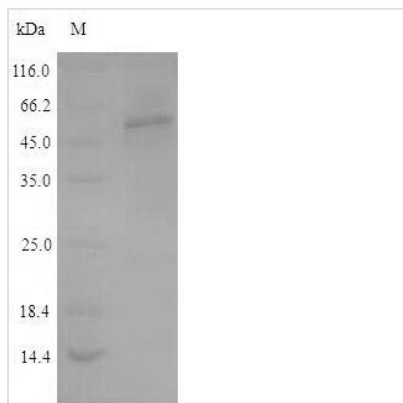




Recombinant Human Tryptophan 5-hydroxylase 2 (TPH2)

Product Code	CSB-CF809000HU
Abbreviation	Recombinant Human TPH2 protein
Storage	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.
Uniprot No.	Q8IWU9
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MQPAMMMFSSKYWARRGFSLDSAPVEEHQLLGSSSTLNKPNSGKNDDKGNK GSSKREAATESGKTAVVFSKNEVGGLVKALRLFQEKRVNMVHIESRKSRRRS SEVEIFVDCECGKTEFNELIQLLKFTTIVTLNPPENIWTEEELEDVPWFPRKI SELDKCSHRVLMYGSELDADHPGFKDNVYRQRRKYFVDVAMGYKYGQPIPR VEYTEEETKTWGVVFRELSKLYPTHACREYLKNFPLLTKYCGYREDNVPQLED VSMFLKERSGFTVRPVAGYLSPRDFLAGLAYRVFHCTQYIRHGSDPLYTPEPD TCHELLGHVPLLADPKFAQFSQEIGLASLGASDEDVQKLATCYFFTIEFGLCKQ EGQLRAYGAGLLSSIGELKHALSDKACVKAFFDPKTTCLQECLITTFQEAYFVSE SFEEAKEKMRDFAKSITRPFVYFNPYTQSIEILKDTRSIENVVQDLRSDLNTVC DALNKMNQYLGI
Research Area	Neuroscience
Source	in vitro E.coli expression system
Target Names	TPH2
Protein Names	Neuronal tryptophan hydroxylase Tryptophan 5-monoxygenase 2
Expression Region	1-490aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	60.1kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.