

Recombinant Human TPH2 protein, His-tagged

Cat. No. TPH2-2444H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human TPH2 protein(Q8IWU9)(1-490aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength 1-490aa

Form If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Molecular Mass 60.1 kDa

AA Sequence

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MQPAMMMFSSKYWARRGFSLDSAVPEEHQLLGSSTLNKPNKNSGKNDDKGNKGGSSK
REAATESGKTAVVFSLKNEVGGLVKALRLFQEKRVNMVHIESRKSRRRSSEVEIFVD
CECGKTEFNELIQLLKFTTIVTLNPPENIWTEEELEDPVWFPKISELDKCSHRVL
MYGSELDADHPGFKDNVYRQRRKYFVDVAMGYKYGQPIPRVEYTEEETKTWGVVF
RELSKLYPTHACREYLKNFLLTKYCGYREDNVPQLEDVSMFLKERSGFTVRPVAG
YLSPRDFLAGLAYRVFHCTQYIRHGSDPLYTPEPDTCHELLGHVPLLADPKFAQFSQ
EIGLASLGASDEDVQKLATCYFFTIEFGLCKQEGQLRAYGAGLLSSIGELKHALSDKA
CVKAFDPKTTCLQECLITTFQEAYFVSESFEEAKEKMRDFAKSITRPFSVYFNPYTQS
IEILKDTRSIENVVQDLRSDLNTVCDALNKMNQYLG I
    
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 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

GENE INFORMATION

Gene Name	TPH2 tryptophan hydroxylase 2 [Homo sapiens]
Official Symbol	TPH2
Synonyms	TPH2; tryptophan hydroxylase 2; tryptophan 5-hydroxylase 2; FLJ37295; NTPH; tryptophan 5-monoxygenase 2; neuronal tryptophan hydroxylase; ADHD7; MGC138871; MGC138872;
Gene ID	121278
mRNA Refseq	NM_173353
Protein Refseq	NP_775489
MIM	607478
UniProt ID	Q8IWU9

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