

Recombinant Human Pts, His tagged

Cat. No. PTS-498H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Pts mature form (Q03393) (Met1-Glu145), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-145 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, 40% Glycerol, pH, 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human PTS consists of 160 amino acids and predicts a molecular mass of 18.2 KDa. It migrates as an approximately 27 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PTS 6-pyruvoyltetrahydropterin synthase [Homo sapiens (human)]

Official Symbol Pts

Gene ID 5805

mRNA Refseq NM_000317

Protein Refseq NP_000308

MIM 612719

UniProt ID Q03393

Chromosome Location 11q22.3

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