

Recombinant Human GPT protein, His-tagged

Cat. No. GPT-2989H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPT protein(P24298)(2-496aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-496aa
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	58.5 kDa
AA Sequence	ASSTGDRSQAVRHGLRAKVLTL DGMNPRVRRVEYAVRGPIVQRALELEQELRQGV KKPFTEVIRANIGDAQAMGQRPITFLRQVLALCVNPDLLSSPNFPDDAKKRAERILQA CGGHS LGAYS VSSGIQLIREDVARYIERRDGGIPADPNNVFLSTGASDAIVTVLKLLV AGEGHTRTGVLIPIQYPLYSATLAELGAVQVDYYLDEERAWALDVAELHRALGQAR DHCRPRALCVINPGNPTGQVQTRECIEAVIRFAFEERLFLLADEVYQDNVYAAGSQF HSFKKVL MEMGPPYAGQQELASFHSTSKGYMGECGFRGGYVEVVNMDAAVQQQ MLKLMSVRLCPPVPGQALLDLVSPAPTDP SFAQFQA EKQAVLAELA AKAKLTEQV FNEAPGIS CNPVQGAMYSFPRVQLPPRAVERAQELGLAPDMFFCLRLLEETGICVVP GSGFGQREGTYHFRMTILPPEKLRLLLEKLSRFHAKFTLEYS

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple 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%.

GENE INFORMATION

Gene Name	GPT glutamic-pyruvate transaminase (alanine aminotransferase) [Homo sapiens]
Official Symbol	GPT
Synonyms	GPT; glutamic-pyruvate transaminase (alanine aminotransferase); alanine aminotransferase 1; ALT1; GPT1; GPT 1; glutamic-alanine transaminase 1; glutamic--alanine transaminase 1; glutamic--pyruvic transaminase 1; glutamate pyruvate transaminase 1; AAT1;
Gene ID	2875
mRNA Refseq	NM_005309
Protein Refseq	NP_005300
MIM	138200
UniProt ID	P24298

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