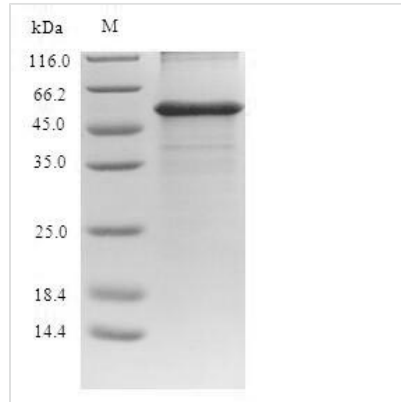




Recombinant Human Alanine aminotransferase 1 (GPT)

Product Code	CSB-EP009864HUg5
Relevance	Catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. Participates in cellular nitrogen metabolism and also in liver gluconeogenesis starting with precursors transported from skeletal muscles .
Abbreviation	Recombinant Human GPT 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.	P24298
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ASSTGDRSQAVRHGLRAKVLTLDGMNPRVRRVEYAVRGPVQRALLELEQELR QGVKKPFTEVIRANIGDAQAMGQRPITFLRQVLALCVNPDLLSSPNFPDDAKK RAERILQACGGHSLGAYSVSSGIQLIREDVARYIERRDGGIPADPNNVFLSTGA SDAIVTVLKLLVAGEGHTRTGVLIPQYPLYSATLAELGAVQVDYYLDEERAW ALDVAELHRALGQARDHCRPRALCVINPGNPTGQVQTRECIEAVIRFAFEERLF LLADEVYQDNVYAAGSQFHSFKKVLMEMGPPYAGQQELASFHSTSKGYMGE CGFRGGYVEVVNMDAAVQQQMLKLMVRLCPPVPGQALLDLVVSPAPTDP SFAQFQAEKQAVLAELAELAAKAKLTEQVFNEAPGISCNPVQGAMYSFPRVQLPPR AVERAQELGLAPDMFFCLRLLLEETGICVVPVPGSGFGQREGTYHFRMTILPPLEK LRLLEKLSRFHAKFTLEYS
Research Area	Signal Transduction
Source	E.coli
Target Names	GPT
Expression Region	2-496aa
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 and C-terminal 6xHis-tagged
Mol. Weight	59.6 kDa
Protein Length	Full Length of Mature Protein
Image	



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

Shelf Life

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