



Recombinant Rat Alanine aminotransferase 1 (Gpt)

Product Code	CSB-EP009864RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P25409
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	ASRVNDQSQ ASRNLKKGKV LTLDTMNPCV RRVEYAVRGP IVQRALELEQ ELRQGVKKPF TEVIRANIGD AQAMGQRPIT FFRQVLALCV YPNLLSSPDF PEDAKRRAER ILQACGGHSL GAYSISSGIQ PIREVAQYI ERRDGGIPAD PNNIFLSTGA SDAIVTMLKL LVSGEGRART GVLIPQYP LYSAAALD AVQVDYYLDE ERAWALDIAE LRRALCQARD RCCPRVLCVI NPGNPTGQVQ TRECIEAVIR FAFKEGLFLM ADEVYQDNVY AEGSQFHSFK KVLMEMGPPY STQQELASFH SVSKGYMGEC GFRGGYVEVV NMDAEVQKQM GKLMSVRLCP PVPGQALMDM VVSPPTPSEP SFKQFQAERQ EVLAELAACA KLTEQVFNEA PGIRCNPVQG AMYSFPQVQL PLKAVQRAQE LGLAPDMFFC LCLLEETGIC VVPGSGFGQQ EGTYHFRMTI LPPMEKLRLI LEKLSHFHAK FTHEYS
Source	E.coli
Target Names	Gpt
Protein Names	Recommended name: Alanine aminotransferase 1 Short name= ALT1 EC= 2.6.1.2 Alternative name(s): Glutamate pyruvate transaminase 1 Short name= GPT 1 Glutamic--alanine transaminase 1 Glutamic--pyruvic transaminase 1
Expression Region	2-496
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.