



# Recombinant Rat Alanine aminotransferase 1 (Gpt)

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| <b>Product Code</b>      | CSB-YP009864RA  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P25409  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | ASRVNDQSQ ASRNLKKGKV LTLDTMNPCV RRVEYAVRGP IVQRALELEQ<br>ELRQGVKKPF TEVIRANIGD AQAMGQRPIT FFRQVLALCV YPNLLSSPDF<br>PEDAKRRAER ILQACGGHSL GAYSISSGIQ PIREVAQYI ERRDGGIPAD<br>PNNIFLSTGA SDAIVTMLKL LVSGEGRART GVLIPQYP LYSAAALELD<br>AVQVDYYLDE ERAWALDIAE LRRALCQARD RCCPRVLCVI NPGNPTGQVQ<br>TRECIEAVIR FAFKEGLFLM ADEVYQDNVY AEGSQFHSFK KVLMEMGPPY<br>STQQELASFH SVSKGYMGEC GFRGGYVEVV NMDAEVQKQM<br>GKLMSVRLCP PVPGQALMDM VVSPPTPSEP SFKQFQAERQ EVLAELAACA<br>KLTEQVFNEA PGIRCNPVQG AMYSFPQVQL PLKAVQRAQE LGLAPDMFFC<br>LCLLEETGIC VVPGSGFGQQ EGTYHFRMTI LPPMEKLRLI LEKLSHFHAK<br>FTHEYS |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | Gpt   |
| <b>Protein Names</b>     | 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  |
| <b>Expression Region</b> | 2-496   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Reconstitution</b>    | 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.   |
| <b>Shelf Life</b>        | 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.   |