



# Recombinant Schizosaccharomyces pombe 4-aminobutyrate aminotransferase (SPAC19D5.07)

<b>Product Code</b>	CSB-MP001032SXV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O13837
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSSTATVTES THFFPNPQQ PSIKTETIPG PKGKAAAEEM SKYHDISAVK FPVDYEK SIG NYLVDLDGNV LLDVYSQIAT IPIGYNNPTL LKAAKSDEVA TILMNRPALG NYPPKEWARV AYE GAIKYAP KGQKYVYFQM SGSDANEIAY KLAMLHFFNN KPRPTGDYTA EENESCLNNA APGSPEVAVL SFRHSFHGRL FGSLSTTRSK PVHKLGM PAF PWPQADFPAL KYPLEEHVEE NAKKEQRCID QVEQILTNNH CPVVACIIEP IQSEGGDNHA SPDFFHKLQA TLKKHDVKFI VDEVQTVGVS TGT LWAEQW NLPYPPDMVT FSKKFQAAGI FYHDLALRPH AYQHFNTWMG DPFRAVQSR Y ILQEIQDKDL LNNVKSVDGDF LYAGLEELAR KHPGKINNLR GKGKGT FIAW DCESPAARDK FCADMRINGV NIGGCGVAAI RLRPMLVFQK HHAQILLKKI DELI
<b>Source</b>	Mammalian cell
<b>Target Names</b>	uga1
<b>Protein Names</b>	Recommended name: 4-aminobutyrate aminotransferase EC= 2.6.1.19 Alternative name(s): GABA aminotransferase Short name= GABA-AT Gamma- amino-N-butyrate transaminase Short name= GABA transaminase
<b>Expression Region</b>	1-474
<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 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.