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

Product Code	CSB-EP001032SXV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O13837
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSSTATVTES THFFPNEPQG PSIKTETIPG PKGKAAAEEM SKYHDISAVK FPVDYEKSIG NYLVDLDGNV LLDVYSQIAT IPIGYNNPTL LKAAKSDEVA TILMNRPALG NYPPKEWARV AYEGAIKYAP KGQKYVYFQM SGSDANEIAY KLAMLHHFNN KPRPTGDYTA EENESCLNNA APGSPEVAVL SFRHSFHGRL FGSLSTTRSK PVHKLGMPAF PWPQADFPAL KYPLEEHVEE NAKEEQRCID QVEQILTNHH CPVVACIIEP IQSEGGDNHA SPDFFHKLQA TLKKHDVKFI VDEVQTGVGS TGTLWAHEQW NLPYPPDMVT FSKKFQAAGI FYHDLALRPH AYQHFNTWMG DPFRAVQSRY ILQEIQDKDL LNNVKSVGDF LYAGLEELAR KHPGKINNLR GKGKGTFIAW DCESPAARDK FCADMRINGV NIGGCGVAAI RLRPMLVFQK HHAQILLKKI DELI
Source	E.coli
Target Names	uga1
Protein Names	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
Expression Region	1-474
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 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.