



# Recombinant Escherichia coli Putrescine aminotransferase (patA)

<b>Product Code</b>	CSB-YP453932ENT
<b>Storage</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.
<b>Uniprot No.</b>	B1XG77
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / DH10B)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNRLPSSASA LACSAHALNL IEKRTLDEEE MKALNREVIE YFKEHVNPGF LEYRKSVTAG GDYGAVEWQA GSLNTLVDTQ GQEFIDCLGG FGIFNVGHRN PVVVS AVQNNQ LAKQPLHSQE LLDPLRAMLA KTLAALTPGK LKYSFFCNSG TESVEAALKL AKAYQSPRGK FTFIATSGAF HGKSLGALSA TAKSTFRKPF MPLLPGFRHV PFGNIEAMRT ALNECKKTGD DVA AVILEPI QGEGGVILPP PGYLTA VRKL CDEFGALMIL DEVQTGMGRT GKMFACEHEN VQP DILCLAK ALGGGVMPIG ATIAATEEVFS VLFDNPFLHT TTFGGNPLAC AAALATINVL LEQNLPAQAE QKGDMLLDGF RQLAREY PDL VQEARGKGML MAIEFVDNEI GYNFASEMFR QRVLVAGTLN NAKTIRIEPP LTLTIEQCEL VIKAARKALA AMRVSVEEA
<b>Source</b>	Yeast
<b>Target Names</b>	patA
<b>Protein Names</b>	Recommended name: Putrescine aminotransferase EC= 2.6.1.82 Alternative name(s): Putrescine--2-oxoglutaric acid transaminase Short name= PAT Short name= PATase
<b>Expression Region</b>	1-459
<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.