



# Recombinant Escherichia coli Asparagine synthetase B [glutamine-hydrolyzing] (asnB)

<b>Product Code</b>	CSB-MP325218ENV
<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>	P22106
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	CSIFGVFDI KTADELRLKK ALELSRLMRH RGPDWSGIYA SDNAILAHER LSIVDVNAGA QPLYNQKTH VLAANGEIYN HQALRAEYGD RYQFQTGSDC EVILALYQEK GPEFLDDLQG MFAFALYDSE KDAYLIGRDH LGIPLYMGY DEHGQLYVAS EMKALVPVCR TIKEFPAGSY LWSQDGEIRS YYHRDWFYD AVKDNVTDKN ELRQALEDV SVKSHLMSDVPY GVLLSGGLDS SIISAITKKY AARRVEDQER SEAWWPQLHS FAVGLPGSPD LKAAQEVANH LGTVHHEIHF TVQEGLDAIR DVIYHIETYD VTTIRASTPM YLMRSKIKAM GIKMVLSEGE SDEVFGGYLY FHKAPNAKEL HEETVRKLLA LHMYDCARAN KAMSAWGVEA RVPFLDKKFL DVAMRINPQD KMCNGNGKMEK HILRECFEAY LPASVAWRQK EQFSDGVGYS WIDTLKEVAA QQVSDQQLLET ARFRFPYNTPT SKEAYLYRE IFEELFPLPS AAECVPGGPS VACSSAKAIE WDEAFKKMDD PSGRAVGVHQ SAYK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	asnB
<b>Protein Names</b>	Recommended name: Asparagine synthetase B [glutamine-hydrolyzing] Short name= AS-B EC= 6.3.5.4
<b>Expression Region</b>	2-554
<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.