



# Recombinant Escherichia coli O81 Soluble pyridine nucleotide transhydrogenase (sthA)

<b>Product Code</b>	CSB-MP486994EOP
<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>	B7MR55
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O81 (strain ED1a)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MPHSYDYDAIVIGSGPGGEGAAMGLVKQGARVAVIERYQNVGGGCTHWGTIP            SKALRHAV            SRIIEFNQNPLYSDHSRLLRSSFADILNHADNVINQQTRMRQGFYERNHCEILQ            GNARFV            DEHTLALDCPDGSVETLTAEKFVIACGSRPYHPTDVFTHPRIYDSNSILSMHH            EPRHVL            IYGAGVIGCEYASIFRGMVDKVDLINTRDLLAFLDQEMSDSLSYHFWNSGVVI            RHNEEY            EKIEGCDDGVIMHLKSGKCLKADCLLYANGRTGNTDSLALQNIGLETDSRGQL            KVNSMYQ            TAQPHVYAVGDVIGYPSLASAAYDQGRIAAQALVKGEANAHLIEDIPTGIYTIPEI            SSVG            KTEQQLTAMKVPYEVGRAQFKHLARAQIVGMNVGTLKILFHRETKEILGIHCFG            ERAAEI IHIGQAIMEQKGGGNTIEYFVNTTFNYPTMAEAYRVAALNGLNRLF</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	sthA
<b>Protein Names</b>	Recommended name: Soluble pyridine nucleotide transhydrogenase Short name= STH EC= 1.6.1.1 Alternative name(s): NAD(P)(+) transhydrogenase [B-specific]
<b>Expression Region</b>	1-466
<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.

### 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.