



# Recombinant Escherichia coli O9:H4 Soluble pyridine nucleotide transhydrogenase (sthA)

<b>Product Code</b>	CSB-EP422101EJF-B
<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>	A8A770
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O9:H4 (strain HS)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPHSYDYDAI VIGSGPGGEG AAMGLVKQGA RVAVIERYQN VGGGCTHWGT IPSKALRHAV SRIIEFNQNP LYSDHSRLLR SSFADILNHA DNVINQQTRM RQGFYERNHC EILQGNARFV DEHTLALDCP DGSVETLAE KFIIACGSRP YHPTDVDFTH PRIYDSDSIL SMHHEPRHVL IYGAGVIGCE YASIFRGMDV KVDLINTRDR LLAFLDQEMS DSLSYHFWNS GVVIRHNEEY EKIEGCDDGV IMHLKSGKKL KADCLLYANG RTGNTDSLAL QNIGLETDSR GQLKVNSMYQ TAQPHVYAVG DVIGYPSLAS AAYDQGRIAA QALVKGEATA HLIEDIPTGI YTIPEISSVG KTEQQLTAMK VPYEVGRAQF KHLARAQIVG MNVGTCLKILF HRETKEILGI HCFGERAAEI IHIGQAIMEQ KGGGNTIEYF VNTTFNYPTM AEAYRVAALN GLNRLF
<b>Source</b>	E.coli
<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.
<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.