



# Recombinant Human Ethanolamine kinase 1 (ETNK1)

<b>Product Code</b>	CSB-EP007850HU-B
<b>Abbreviation</b>	ETNK1
<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>	Q9HBU6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLCGRPRSSS DNRNFLRERA GLSSAAVQTR IGNSAASRRS PAARPPVPAP PALPRGRPGT EGSTLSAPA VLVVAVAVVV VVVSAAVWAM ANYIHVPPGS PEVPKLNVTV QDQEEHRCRE GALSLLQHLR PHWDPQEVTL QLFTDGITNK LIGCYVGNTM EDVVLVRIYG NKTELLVDRD EEVKSFRVLQ AHGCAPQLYC TFNNGLCYEF IQGEALDPKH VCNPAIFRLI ARQLAKIHAI HAHNGWIPKS NLWLKMGKYF SLIPTGFADE DINKRFLSDI PSSQILQEEM TWMKEILSNL GSPVVLCHND LLCKNIIYNE KQGDVQFIDY EYSGYNLAY DIGNHFNEFA GVSDVDYSLY PDRELQSQWL RAYLEAYKEF KGFGTEVTEK EVEILFIQVN QFALASHFFW GLWALIQAKY STIEFDLGY AIVRFNQYFK MKPEVTALKV PE
<b>Source</b>	E.coli
<b>Target Names</b>	ETNK1
<b>Protein Names</b>	Recommended name: Ethanolamine kinase 1 Short name= EKI 1 EC= 2.7.1.82
<b>Expression Region</b>	1-452
<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>Target Details</b>	This gene encodes an ethanolamine kinase, which functions in the first committed step of the phosphatidylethanolamine synthesis pathway. This cytosolic enzyme is specific for ethanolamine and exhibits negligible kinase activity on choline. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
<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.

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**Shelf Life**

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