

**ETNK2, 1-386aa, Human, His tag, E.coli**

**Cat.NO.: TP02056**

3th Edition

**Synonyms:**Ethanolamine kinase 2, EK12, HMFT1716

**Description:**ETNK2 also known as ethanolamine kinase 2 is a member of choline/ethanolamine kinase family which catalyzes the first step of phosphatidylethanolamine (PtdEtn) biosynthesis via the cytidine diphosphate. Recombinant human ETNK2 was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

**Molecular Weight:**47.2kDa (409aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMVPPSAPQPRASFHLRRHTPCPQCSWGMEEKAAASASCREPPGPPRAA  
AVAYFGISVDPDDILPGALRLIQELRPHWKPEQVRTKRFTDGITNKLVACYVEEDMQDCVLRVYGERTELLVDREN  
EVRNFQLLRAHSCAPKLYCTFQNGLCYEYMQGVALEPEHIREPRLFRLIALEMAKIHTIHANGSLPKPILWHKMHN  
FTLVKNEINPSLSADVPKVEVLRELAWLKEHLSQLESPVVFCHNDLLCKNIIYDSIKGHVRFIDYEYAGYNYQAFDIG  
NHFNEFAGVNEVDYCLYPARETQLQWLHYLQAQKGMVTPREVQRLYVQVNFALASHFFWALWALIQNQYSTI  
DFDFLRYAVIRFNQYFKVKPQASALEMPK

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.