

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:

MGSSHHHHHHSSGLVPRGSHMGSMVPPSAPQPRASFHLRRHTPCPQCSWGMEEKAAASASCREPPGPPRAA
AVAYFGISVDPDDILPGALRLIQELRPHWKPEQVTRTKRFTDGITNKL VACYVEEDMQDCVLVRVYGERTELLVDREN
EVRNFQLLRAHSCAPKLYCTFQNGLCYEYMQGVALEPEHIREPRLFRLIALEMAKIHTIHANGSLPKPILWHKMHN
FTLVKNEINPSLSADVPKVEVLRELAWLKEHLSQLESPVVFCHNDLLCKNIIYDSIKGHVRFIDYEYAGYNYQAFDIG
NHFNEFAGVNEVDYCLYPARETQLQWLHYLQAQKGMVTPREVQRLYVQVNKFALASHFFWALWALIQNQYSTI
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.