

Recombinant Human ETNK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ETNK1-2906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ETNK1 MS Standard C13 and N15-labeled recombinant protein (NP_001034570) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	27.8 kDa
AA Sequence	MLCGRPRSSSDNRNFLRERAGLSSAAVQTRIGNSAASRRSPAARPPVPAPPALPRG RPGTEGSTLSAPAVLVAVAVVVVVVSAVAVAMANYIHVPPGSPEVPKLNVTVQD QEEHRCREGALSLLQHLPHPWDPEVTLQLFTDGITNKLIGCYVGNTMEDVVLVRIY GNKTELLVDRDEEVKSFRVLQAHGCAPOLYCTFNNGLCYEFIQGEALDPKHVCNPAI FSLSSLTLCKGKTTRCFGLTGCRGSRLLSFFTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ETNK1 ethanolamine kinase 1 [Homo sapiens (human)]

Official Symbol ETNK1

Synonyms ETNK1; ethanolamine kinase 1; EKI; EKI1; putative protein product of Nbla10396; EKI 1; Nbla10396;

Gene ID 55500

mRNA Refseq NM_001039481

Protein Refseq NP_001034570

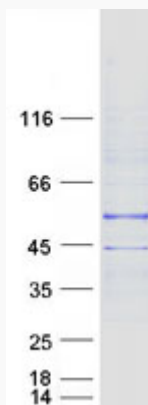
MIM 609858

UniProt ID Q9HBU6

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SDS-PAGE

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