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Product datasheet for TP311556M

ethanolamine kinase (ETNK1) (NM_001039481) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ethanolamine kinase 1 (ETNK1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211556 representing NM_001039481 Red=Cloning site Green=Tags(s) MLCGRPRSSSDNRNFLRERAGLSSAAVQTRIGNSAASRRSPAARPPVPAPPALPRGRPGTEGSTSLSAPA VLVVAVAVVVVVSAVAWAMANYIHVPPGSPEVPKLNVTVQDQEEHRCREGALSLLQHLRPHWDPQEVTL QLFTDGITNKLIGCYVGNTMEDVVLVRIYGNKTELLVDRDEEVKSFRVLQAHGCAPQLYCTFNNGLCYEF IQGEALDPKHVCNPAIFSLSSLTLCKGKTTRCFGLTGCRGSRLLLSFF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	27.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001034570
Locus ID:	55500
UniProt ID:	Q9HBU6, Q86U68

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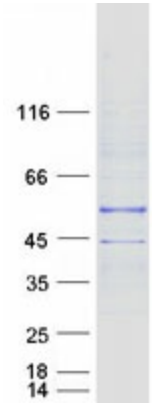
RefSeq Size:	910
Cytogenetics:	12p12.1
RefSeq ORF:	774
Synonyms:	EKI; EKI 1; EKI1; Nbla10396
Summary:	This gene encodes an ethanolamine kinase, which functions in the first committed step of the phosphatidylethanolamine synthesis pathway. This cytosolic enzyme is specific for ethanolamine and exhibits negligible kinase activity on choline. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Glycerophospholipid metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified ETNK1 protein (Cat# [TP311556]). The protein was produced from HEK293T cells transfected with ETNK1 cDNA clone (Cat# [RC211556]) using MegaTran 2.0 (Cat# [TT210002]).