

## Product datasheet for **AR51869PU-N**

### Ethanolamine kinase 2 (1-386, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Ethanolamine kinase 2 (1-386, His-tag) human recombinant protein, 50 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMVPPSA PQPRASFHLR RHTPCPQCSW GMEEKAAASA SCREPPGPPR AAAYVYFGIS VDPDDILPGA LRLIQELRPH WKPEQVRTKR FTDGITNKLV ACYVEEDMQD CVLVRVYGER TELLVDRENE VRNFQLLRAH SCAPKLYCTF QNGLCYEYMQ GVALEPEHIR EPRLFRLIAL EMAKIHTIHA NGSLPKPILW HKMHNFTLV KNEINPSLSA DVPKVEVLER ELAWLKEHLS QLESPVVFCH NDLLCKNIIY DSIKGHVRFI DYEYAGYNYQ AFDIGNHFNE FAGVNEVDYC LYPARETQLQ WLHYLQAQK GMAVTPREVQ RLYVQVNKFA LASHFFWALW ALIQNQYSTI DFDFLRYAVI RFNQYFKVKP QASALEMPK
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	47.2 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human ETNK2 was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001284689</a>
<b>Locus ID:</b>	55224
<b>UniProt ID:</b>	<a href="#">Q9NVF9</a> , <a href="#">A0A024R976</a>
<b>Cytogenetics:</b>	1q32.1



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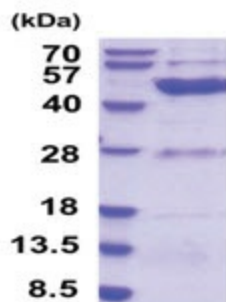
**Synonyms:** EKI2; HMFT1716

**Summary:** The protein encoded by this gene is a member of choline/ethanolamine kinase family which catalyzes the first step of phosphatidylethanolamine (PtdEtn) biosynthesis via the cytidine diphosphate (CDP) ethanolamine pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

**Protein Families:** Druggable Genome

**Protein Pathways:** Glycerophospholipid metabolism, Metabolic pathways

**Product images:**



15% SDS-PAGE (3ug)