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Product datasheet for AR09614PU-L

Thiamine-triphosphatase (THTPA) (1-230, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Thiamine-triphosphatase (THTPA) (1-230, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAQGLIEVER KFLPGPGTEE RLQELGGTLE YRVTFRDTYY DTPELSLMQA DHWLRRREDS GWELKCPGAA GVLGPHTEYK ELTAEPTIVA QLCKVLRADG LGAGDVAAVL GPLGLQEVAS FVTKRSAWKL VLLGADEEEP QLRVDLDTAD FGYAVGEVEA LVHEEAEVPT ALEKIHRLSS MLGVPAQETA PAKLIVYLQR FRPQDYQRLL EVNSSRERPQ ETEDPDHCLG
Tag:	His-tag
Predicted MW:	27.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS – PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human THTPA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001119811</u>
Locus ID:	79178
UniProt ID:	<u>Q9BU02</u>
Cytogenetics:	14q11.2
Synonyms:	THTP; THTPASE



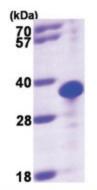
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	Thiamine-triphosphatase (THTPA) (1-230, His-tag) Human Protein – AR09614PU-L
Summary:	This gene encodes an enzyme which catalyzes the biosynthesis of thiamine disphophate
	(vitamin B1) by bydrolysis of thiamine triphosphate. Alternative splicing results in multiple

(vitamin B1) by hydrolysis of thiamine triphosphate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]

Protein Pathways: Metabolic pathways, Thiamine metabolism

Product images:



15% SDS-PAGE (3ug)

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