

## 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 YRVTFRDITY DTPELSLMQA DHWLRRRREDS GWELKCPGAA GVLGPHTEYK ELTAEPTIVA QLCKVLRADG LGAGDVA AVL GPLGLQEVAS FVTKRSAWKL VLLGADEEEP QLRVDLDTAD FG YAVGEVEA LVHEEA EVPT ALEKI HRLSS 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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**Summary:** This gene encodes an enzyme which catalyzes the biosynthesis of thiamine disphosphate (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:**

