

Product datasheet for AR09689PU-L

OriGene Technologies, Inc.

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PHPT1 (1-125, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: PHPT1 (1-125, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MAVADLALIP DVDIDSDGVF KYVLIRVHSA PRSGAPAAES KEIVRGYKWA EYHADIYDKV SGDMQKQGCD CECLGGGRIS HQSQDKKIHV YGYSMAYGPA

QHAISTEKIK AKYPDYEVTW ANDGY

Tag: His-tag

Predicted MW: 15.9 kDa

Concentration: lot specific

Purity: >95%

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 2 mM DTT, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human PHPT1 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.

 Locus ID:
 29085

 Cytogenetics:
 9q34.3

Synonyms: Phosphohistidine phosphatase 1, PHP14, HSPC141

Summary: This gene encodes an enzyme that catalyzes the reversible dephosphorylation of histidine

residues in proteins. It may be involved in the dephosphorylation of G-beta and ATP citrate lyase and in negatively regulating CD4 T lymphocytes by dephosphorylation and inhibition of KCa3.1 channels. Alternative splicing results in multiple transcript variants. [provided by

RefSeq, Dec 2013]



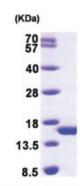


Protein Families: Druggable Genome

Protein Pathways: Fructose and mannose metabolism, Metabolic pathways, Riboflavin metabolism, Thiamine

metabolism

Product images:



15% SDS-PAGE (3ug)