

Product datasheet for AR09689PU-N

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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, 0.1 mg

Species: Human **Expression Host:** E. coli

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MAVADLALIP DVDIDSDGVF KYVLIRVHSA PRSGAPAAES or AA Sequence: 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

Recombinant human PHPT1 protein, fused to His-tag at N-terminus, was expressed in E.coli Protein Description:

and purified by using conventional chromatography techniques.

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Storage:

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Locus ID: 29085 Cytogenetics: 9q34.3

Phosphohistidine phosphatase 1, PHP14, HSPC141 Synonyms:

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]



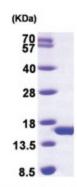


Protein Families: Druggable Genome

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

metabolism

Product images:



15% SDS-PAGE (3ug)