

Recombinant Human PANK1 Protein, GST-tagged

Cat. No. PANK1-34H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PANK1(310 a.a. - 409 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	310 a.a. - 409 a.a.
Description	This gene encodes a member of the pantothenate kinase family. Pantothenate kinases are key regulatory enzymes in the biosynthesis of coenzyme A (CoA). The encoded protein catalyzes the first and rate-limiting enzymatic reaction in CoA biosynthesis and is regulated by CoA through feedback inhibition. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. This gene and an intronic miRNA on the same strand are co-regulated by the tumor suppressor p53 (see PMID 20833636).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.74 kDa
AA Sequence	IRFPSCAMHRFIQMGSEKNFSSLHTTLCATGGGAFKFEEDFRMIADLQLHKLDELDC LIQGLLYVDSVGFNGKPECYFENPTNPCLCQKKPYCLDNPYP
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

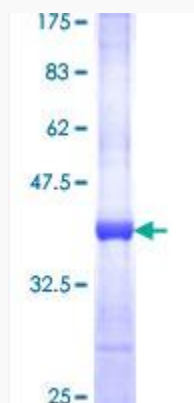
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.**Storage** Store at -80°C. Aliquot to avoid repeated freezing and thawing.**GENE INFORMATION****Gene Name** PANK1 pantothenate kinase 1 [Homo sapiens]**Official Symbol** PANK1**Synonyms** PANK1; pantothenate kinase 1; PANK, pantothenate kinase; MGC24596; PANK1a; PANK1b; pantothenic acid kinase 1; PANK;**Gene ID** 53354**mRNA Refseq** NM_148977**Protein Refseq** NP_683878**MIM** 606160**UniProt ID** Q8TE04 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA