

Recombinant Human PANK3 protein, GST-tagged

Cat. No. PANK3-7875H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PANK3 protein(61-370 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	61-370 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	TGIRDVHLELKDLTLFGRRGNLHFIRFPTQDLPTFIQMGRDKNFSTLQTVLCATGGGA YKFEKDFRTIGNLHLHLKLDCLVKGLLYIDSVSFNGQAECYYFANASEPERCQKM PFNLDDPYPLLNVNIGSGVSILAVHSDKDNYKRVTGTSLGGGTFLGLCSLLTGCEEFEE ALEMASKGDSTQADKLVRDIYGGDYERFGLPGWAVASSFGNMIYKEKRESVSKEDL ARATLVITNIGSVARMCAVNEKINRVVFVGNFLRVNTLSMKLLAYALDYWSKGQL KALFLEHEGYFGAVGALLGLPNFS
Purity	60%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [PANK3 pantothenate kinase 3 \[Homo sapiens \]](#)

Official Symbol [PANK3](#)

Synonyms PANK3; pantothenate kinase 3; FLJ12899; hPanK3; pantothenic acid kinase 3; MGC16863; DKFZp686O22247;

mRNA Refseq [NM_024594](#)

Protein Refseq [NP_078870](#)

MIM [606161](#)

UniProt ID [Q9H999](#)

Gene ID [79646](#)

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SDS-PAGE

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