



Recombinant Human Pantothenate kinase 3 (PANK3)

Product Code	CSB-MP017423HU
Abbreviation	PANK3
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9H999
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKIKDAKKPS FPWFGMDIGG TLVKLSYFEP IDITAEEEQE EVESLKSIRK YLTSNVAYGS TGIRDVHLEL KDLTLFGRRG NLHFIRFPTQ DLPTFIQMGR DKNFSTLQTV LCATGGGAYK FEKDFRTIGN LHLHKLELD CLVKGLLYID SVSFNGQAEC YYFANASEPE RCQKMPFNLD DPYPLLVVNI GSGVSILAVH SKDNYKRVTG TSLGGGTFGLG LCSLLTGCESE FEEALEMASK GDSTQADKLV RDIYGGDYER FGLPGWAVAS SFGNMIYKEK RESVSKEDLA RATLVTITNN IGSVARMCAV NEKINRVVVFV GNFLRVNTLS MKLLAYALDY WSKGQLKALF LEHEGYFGAV GALLGLPNFS
Source	Mammalian cell
Target Names	PANK3
Protein Names	Recommended name: Pantothenate kinase 3 Short name= hPanK3 EC= 2.7.1.33 Alternative name(s): Pantothenic acid kinase 3
Expression Region	1-370
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a protein belonging to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the biosynthesis of coenzyme A (CoA) in bacteria and mammalian cells. It catalyzes the first committed step in the universal biosynthetic pathway leading to CoA and is itself subject to regulation through feedback inhibition by CoA. This family member is expressed most abundantly in the liver.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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