

Recombinant Full Length Human PSTK protein, His-tagged

Cat. No. PSTK-2039H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSTK protein(1-348 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-348 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MKTAENIRGTGSDGPRKRGLCVLCGLPAAGKSTFARALAHRLQQEQGWAIGVVAY DDVMPDAFLAGARARPAPSQWKLLRQELLKYLEYFLMAVINGCQMSVPPNRTEAM WEDFITCLKDQDLIFSAAFEAQSCYLLTKTAVSRPLFLVLDDNFYYQSMRYEVYQLA RKYSLGFCQLFLDCPLETCLQRNGQRPQALPPETIHLMRKLEKPNPEKNAWEHNS LTIPSPACASEASLEVTDLLLTALENPVKYAEDNMEQKDTDRIICSTNILHKTDQTLRRI VSQTMKEAKGNQEAFSEMTFKQRWVRANHAAIWRIILGNEHIKCRSAKVGWLQCCR IEKRPLSTG
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name PSTK phosphoseryl-tRNA kinase [Homo sapiens]

Official Symbol PSTK

Synonyms PSTK; phosphoseryl-tRNA kinase; C10orf89, chromosome 10 open reading frame 89; L-seryl-tRNA(Sec) kinase; MGC35392; O-phosphoseryl-tRNA(Sec) kinase; C10orf89;

Gene ID 118672

mRNA Refseq NM_153336

Protein Refseq NP_699167

MIM 611310

UniProt ID Q8IV42

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