

Recombinant Human ALPK1 protein, His-tagged

Cat. No. ALPK1-3097H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALPK1 protein(1-347 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-347 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	MNNQKVAVLLQECKQVLDQLLLEAPDVSEEDKSEDQRCRALLPSELRTLIQEAKE MKWPFVPEKWQYKQAVGPEDKTNLKDVGAGLQQLLASLRASILARDCAAAAIVFL VDRFLYGLDVSGKLLQVAKGLHKLQPATPIAPQVVIRQARISVNSGKLLKAEYILSSLI SNNGATGTWLYRNE SDKVLVQSVCIQIRGQILQKLG MWYEAELIWASIVGYLALPQ PDKKGLSTSLGILADIFVSM SKNDYEKFKNNPQINLSLLKEFDHLLSAAEACKLAAAF SAYTPLFVL TAVNIRGTCLLSYSSSND CPPELKNLHLCEAKEAFEIGLLTKRDDEPVT G
Purity	90%, 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 $\mu\text{g}/\mu\text{l}$ 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 ALPK1 alpha-kinase 1 [Homo sapiens]

Official Symbol ALPK1

Synonyms ALPK1; alpha-kinase 1; alpha-protein kinase 1; FLJ22670; KIAA1527; Lak; lymphocyte alpha kinase; chromosome 4 kinase; lymphocyte alpha-kinase; lymphocyte alpha-protein kinase; LAK; 8430410J10Rik;

Gene ID 80216

mRNA Refseq NM_001102406

Protein Refseq NP_001095876

MIM 607347

UniProt ID Q96QP1

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