

Recombinant Full Length Human ALPK1 Protein, C-Flag-tagged

Cat. No. ALPK1-394HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ALPK1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes an alpha kinase. Mice which were homozygous for disrupted copies of this gene exhibited coordination defects. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	138.7 kDa
AA Sequence	MNNQKVAVLLQECKQVLDQLLLEAPDVSEEDKSEDQRCRALLPSELRTLIEAKE MKWPFVPEKWQYK QAVGPEDKTNLKDVIGAGLQQLLASLRASILARDCAAAAAIVF LVDRFLYGLDVSGKLLQVAKGLHKLQ PATPIAPQVIRQARISVNSGKLLKAEYILSS LISNNGATGTWLYRNEVDKVLVQSVCIQIRGQILQKL GMWYEAELIWASIVGYLALP QPDKKGLSTSLGILADIFVSMKNDYEKFKNNPQINLSLLKEFDHLL SAAEACKLAA AFSAYTPLFVLTAVNIRGTCLLSYSSSNDPPELKNLHLCEAKEAFEIGLLTKRDDEP V TGKQELHSFVKAAFGLTTVHRRLLHGETGTVHAASQLCKEAMGKLYNFSTSSRSQ DREALSQEVMSVIAQ VKEHLQVQSFVSNVDDRSYVPESFECRLDKLILHGQGDFQKIL DTYSQHHSTVCEVFESDCGNNKNEQKD AKTGVCITALKTEIKNIDTVSTTQEKPHCQ

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RDTGISSSLMGKNVQRELRRGGRRNWTHSDAFRVSLDQD VETETEPSDYSNGEG
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 GIDPDASTVDEEGQLLDSDMDVPCTNGHGHSHRLCILRQPPGQRAETPNSSVSGNIL F
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 YVGKDYKEQKGLWHHFTDVERQMTAQHYVTEFNKRLYEQNI PTQIFYIPSTILLIED
 KTIKGCISVEPYILGEFVKLSNNTKVVKTEYKATEYGLAYGHFSYEFNSHRD VVDLQ
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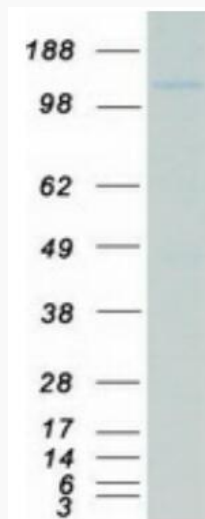
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase

Full Length

Full L.

GENE INFORMATION

Gene Name ALPK1 alpha kinase 1 [Homo sapiens (human)]**Official Symbol** ALPK1**Synonyms** LAK; ROSAH; 8430410J10Rik**Gene ID** 80216**mRNA Refseq** NM_025144.4**Protein Refseq** NP_079420.3**MIM** 607347**UniProt ID** Q96QP1 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



Coomassie blue staining of purified ALPK1 protein.