

Product datasheet for **TP762614**

CILK1 (NM_016513) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human intestinal cell (MAK-like) kinase (ICK), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of ICK
Tag:	N-GST and C-HIS
Predicted MW:	71.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057597
Locus ID:	22858
UniProt ID:	Q9UPZ9 , A0A024RD59 , B3KQG4
RefSeq Size:	6228
Cytogenetics:	6p12.1
RefSeq ORF:	1896
Synonyms:	ECO; EJM10; hICK; ICK; LCK2; MRK



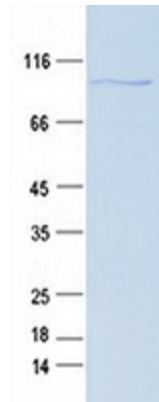
[View online »](#)

Summary:

Eukaryotic protein kinases are enzymes that belong to a very extensive family of proteins which share a conserved catalytic core common with both serine/threonine and tyrosine protein kinases. This gene encodes an intestinal serine/threonine kinase harboring a dual phosphorylation site found in mitogen-activating protein (MAP) kinases. The protein localizes to the intestinal crypt region and is thought to be important in intestinal epithelial cell proliferation and differentiation. Alternative splicing has been observed at this locus and two variants, encoding the same isoform, have been identified. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Protein Kinase

Product images:

Purified recombinant protein ICK was analyzed by SDS-PAGE gel and Coomassie Blue Staining.