

Recombinant Human ICK cell lysate

Cat. No. ICK-833HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ICK intestinal cell (MAK-like) kinase [Homo sapiens]
Official Symbol	ICK
Synonyms	ICK; intestinal cell (MAK-like) kinase; serine/threonine-protein kinase ICK; KIAA0936;

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LCK2; MGC46090; MRK; hICK; MAK-related kinase; laryngeal cancer kinase 2; serine/threonine protein kinase; ECO;

Gene ID [22858](#)

mRNA Refseq [NM_014920](#)

Protein Refseq [NP_055735](#)

MIM [612325](#)

UniProt ID [Q9UPZ9](#)

Chromosome Location 6p12.3-p11.2

Function ATP binding; cyclin-dependent protein kinase activity; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity;

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