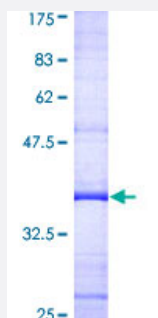


# ICK (Human) Recombinant Protein (Q01)

Catalog # H00022858-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human ICK partial ORF ( AAH35807, 192 a.a. - 292 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	EVYTLRPLFPGASEIDTIFKICQVLGTPKKTDWPEGYQLSSAMNFRWPQCVPNNLKTLPNASSEA VQLLRDMLQWDPKKRPTASQVFFHFLVITFISNSE
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (97); Rat (97)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — ICK

Entrez GeneID [22858](#)

GeneBank Accession# [BC035807](#)

Protein Accession# [AAH35807](#)

Gene Name ICK

Gene Alias KIAA0936, LCK2, MGC46090, MRK

Gene Description intestinal cell (MAK-like) kinase

Gene Ontology [Hyperlink](#)

**Gene 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]

**Other Designations** MAK-related kinase|OTTHUMP00000016630|OTTHUMP00000039961|intestinal cell kinase|serine/threonine protein kinase

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)