

Full-Length

## CIB2 (Human) Recombinant Protein (P01)

Catalog # H00010518-P01

Size 50 ug

### Specification

<b>Product Description</b>	Human CIB2 full-length ORF (AAH47381.1, 1 a.a. - 187 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MGNKQTFITEEQLDNYQDCTFFNKKDILKLHSRFYELAPNLVPM DYRKSPVHVPMSLIQMPELRE NPFKERIVA AFSE DGE GNLTFNDFVDMF SVLCESAPRELKANYAFK YDFNTDNFICKEDLELTLA RLTKSELDEEEVVLVCDK VIEEADLDGDGKLG FADFEDMAKAPDFLSTFHIRI
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	46.97
<b>Interspecies Antigen Sequence</b>	Mouse (97); Rat (98)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<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 — CIB2

**Entrez GeneID** [10518](#)**GeneBank Accession#** [BC047381.1](#)**Protein Accession#** [AAH47381.1](#)**Gene Name** CIB2**Gene Alias** KIP2**Gene Description** calcium and integrin binding family member 2**Omim ID** [605564](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** The amino acid sequence the protein encoded by this gene is similar to that of KIP/CIB, calcineurin B, and calmodulin. This suggests that the encoded protein may be a Ca<sup>2+</sup>-binding regulatory protein that interacts with DNA-dependent protein kinase catalytic subunit (DNA-PKcs). [provided by RefSeq]

**Other Designations** 2810434I23Rik|DNA-dependent protein kinase catalytic subunit-interacting protein 2