

## CIB2 Human

**Description:** CIB2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 207 amino acids (1-187a.a.) and having a molecular mass of 23.8kDa (Molecular weight on SDS-PAGE will appear higher). The CIB2 is purified by proprietary chromatographic techniques.

Catalog #:PKPS-275

For research use only.

**Synonyms:** Calcium and integrin-binding family member 2, Kinase-interacting protein 2, KIP 2, CIB2, KIP2.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGNKQTIFTE EQLDNYQDCT  
FFNKDILKL HSRFYELAPN LVPMDYRKSP IVHVPMSLII QMPELRENPF KERIVAAFSE  
DGENLTFND FVDMFSLVCE SAPRELKANY AFKIYDFNTD NFICKEDLEL TLARLTKSEL  
DEEEVVLVCD KVIEEADLDG DGKLGFAFDE DMIKAPDFL STFHIRI.

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

### Formulation:

The CIB2 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT, 100mM NaCl and 1mM PMSF.

### Stability:

CIB2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

CIB2 is a member of the calcium and integrin-binding family. CIB2 is possibly a Ca<sup>2+</sup>-binding regulatory protein which interacts with DNA-dependent protein kinase catalytic subunit (DNA-PKcs). In the skeletal muscle, CIB2 co-localizes with the integrin alpha7B subunit at the sarcolemma and at the neuromuscular and myotendinous junctions. CIB2 is closely related to CIB1.

**To place an order, please [Click HERE](#).**