

32-2972: CIB2 Recombinant Protein

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

Description

Source : Escherichia Coli. 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. CIB2 is a member of the calcium and integrin-binding family. CIB2 is possibly a Ca^{2+} -binding regulatory protein which interacts with DNA-dependent protein kinase catalytic subunit (DNA-PKcs). In the skeletal muscle, CIB2 co-localizes with the integrin $\alpha 7B$ subunit at the sarcolemma and at the neuromuscular and myotendinous junctions. CIB2 is closely related to CIB1.

Product Info

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| Amount : | 25 μ g |
| Purification : | Greater than 90.0% as determined by SDS-PAGE. |
| Content : | The CIB2 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT, 100mM NaCl and 1mM PMSF. |
| Storage condition : | CIB2 should be stored desiccated below $-18^{\circ}C$. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSSLVPRGSH MGNKQIFTE EQLDNYQDCT FFNKKDILKL HSRFYELAPN LVPMDYRKSP IVHVPMSLII QMPELRENPF KERIVAAFSE DGEGNLTFND FVDMFVLCE SAPRELKANY AFKIYDFNTD NFICKEDLEL TLARLTKSEL DEEEVVLVCD KVIEEADLDG DGKLGFAFDE DMIKAPDFL STFHIRI. |

