Recombinant Full Length Human CIB2 Protein, GST-tagged

Cat. No. CIB2-1841HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CIB2 full-length ORF (AAH47381.1, 1 a.a. - 187 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	187 amino acids
Description	The protein encoded by this gene is similar to that of KIP/CIB, calcineurin B, and calmodulin. The encoded protein is a calcium-binding regulatory protein that interacts with DNA-dependent protein kinase catalytic subunits (DNA-PKcs), and it is involved in photoreceptor cell maintenance. Mutations in this gene cause deafness, autosomal recessive, 48 (DFNB48), and also Usher syndrome 1J (USH1J). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Molecular Mass	46.97 kDa
AA Sequence	MGNKQTIFTEEQLDNYQDCTFFNKKDILKLHSRFYELAPNLVPMDYRKSPIVHVPMS LIIQMPELRENPFKERIVAAFSEDGEGNLTFNDFVDMFSVLCESAPRELKANYAFKIY DFNTDNFICKEDLELTLARLTKSELDEEEVVLVCDKVIEEADLDGDGKLGFADFEDMI AKAPDFLSTFHIRI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CIB2 calcium and integrin binding family member 2 [Homo sapiens]
Official Symbol	CIB2
Synonyms	CIB2; calcium and integrin binding family member 2; calcium and integrin-binding family member 2; KIP2; KIP 2; 2810434I23Rik; kinase-interacting protein 2; DNA-dependent protein kinase catalytic subunit-interacting protein 2
Gene ID	10518
mRNA Refseq	NM_006383
Protein Refseq	NP_006374
MIM	605564
UniProt ID	O75838

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