



Human CIB1 peptide (DAG-P0297)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the EF-hand domain-containing calcium-binding superfamily. The encoded protein interacts with many other proteins, including the platelet integrin alpha-IIb-beta-3, DNA-dependent protein kinase, presenilin-2, focal adhesion kinase, p21 activated kinase, and protein kinase D. The encoded protein may be involved in cell survival and proliferation, and is associated with several disease states including cancer and Alzheimers disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013]
Specificity	Ubiquitous.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 EF-hand domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CIB1 calcium and integrin binding 1 (calmyrin) [Homo sapiens (human)]
Official Symbol	CIB1
Synonyms	CIB1; calcium and integrin binding 1 (calmyrin); CIB; CIBP; KIP1; PRKDCIP; SIP2-28; calcium and integrin-binding protein 1; DNA-PK interaction protein; DNA-PKcs-interacting protein; SNK-

interacting protein 2-28; DNA-dependent protein kinase interacting protein;

Entrez Gene ID	10519
mRNA Refseq	NM_001277764.1
Protein Refseq	NP_001264693.1
UniProt ID	Q99828
Chromosome Location	15q25.3-q26
Function	Ras GTPase binding; calcium ion binding; ion channel binding; protein anchor; protein binding;