

Recombinant Human CALB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CALB2-3362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CALB2 MS Standard C13 and N15-labeled recombinant protein (NP_001731) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants.
Molecular Mass	31.6 kDa
AA Sequence	MAGPQQQPPYLHLAELTASQFLEIWKHFDADGNGYIEGKELENFFQELEKARKGSG MMSKSDNFGEKMKEFMQKYDKNSDGKIEMAELAQILPTEENFLLCFRQHVGSSSTEF MEAWRKYDTRSGYIEANELKGFLSDLLKKANRPYDEPKLQEYTQTILRMFDLNGD GKLGLSEMSRLLPVQENFLLKFQGMKLTSEEFNAIFTFYDKDRSGYIDEHELDALLKD LYEKNKKEMNIQQLTNYRKSVMSLAEAGKLYRKDLEIVLCSEPPMTRTRPLEQKLISE EDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

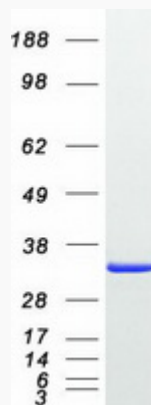
GENE INFORMATION

Gene Name	CALB2 calbindin 2 [Homo sapiens (human)]
Official Symbol	CALB2
Synonyms	CALB2; calbindin 2; calbindin 2, 29kDa (calretinin); calretinin; CAL2; calbindin D29K; 29 kDa calbindin; calbindin 2, (29kD, calretinin); CR; CAB29;
Gene ID	794
mRNA Refseq	NM_001740
Protein Refseq	NP_001731
MIM	114051
UniProt ID	P22676

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA