

Recombinant Full Length Human CALB2 Protein, C-Flag-tagged

Cat. No. CALB2-2057HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CALB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.4 kDa
AA Sequence	MAGPQQQPPYLHLAELTASQFLEIWKHFDADGNGYIEGKELENFFQELEKARKGSG MMSKSDNFGEKMKE FMQKYDKNSDGKIEMAELAQILPTEENFLLCFRQHVGSSSTEF MEAWRKYDTRSGYIEANELKGFLSDLL KKANRPYDEPKLQEYTTQILRMFDLNGD GKLGLSEMSRLLPVQENFLLKFQGMKLTSEEFNAIFTFYDKD RSGYIDEHELDALLK DLYEKNKKEMNIQQLTNYRKSVMSLAEAGKLYRKDLEIVLCSEPPM TRTRPLEQKLI

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CALB2 calbindin 2 [Homo sapiens (human)]
Official Symbol	CALB2
Synonyms	CR; CAL2; CAB29
Gene ID	794
mRNA Refseq	NM_001740.5
Protein Refseq	NP_001731.2
MIM	114051

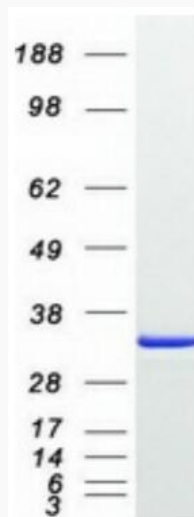
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UniProt ID

P22676



Coomassie blue staining of purified CALB2 protein.

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