

## Product datasheet for TP301924

### Calretinin (CALB2) (NM\_001740) Human Recombinant Protein

#### Product data:

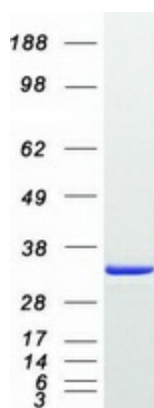
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calbindin 2 (CALB2), transcript variant CALB2
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	31.4 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001731</a>
Locus ID:	794
UniProt ID:	<a href="#">P22676</a> , <a href="#">A0A140VK08</a>
RefSeq Size:	1485
Cytogenetics:	16q22.2
RefSeq ORF:	813
Synonyms:	CAB29; CAL2; CR



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**Summary:**

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. [provided by RefSeq, Jun 2010]

**Product images:**

Coomassie blue staining of purified CALB2 protein (Cat# TP301924). The protein was produced from HEK293T cells transfected with CALB2 cDNA clone (Cat# [RC201924]) using MegaTran 2.0 (Cat# [TT210002]).