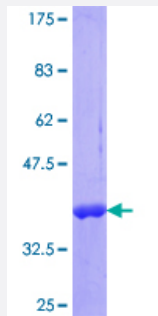


CALB2 (Human) Recombinant Protein (Q01)

Catalog # H00000794-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CALB2 partial ORF (NP_001731.1, 172 a.a. - 271 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GLSEMSRLLPVQENFLLKFQGMKLTSEEFNAIFTFYDKDRSGYIDEHELDALLKDLYEKNKKEMNI QQLTNYRKSVMSLAEAGKLYRKDLEIVLCSEPPM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CALB2

Entrez GeneID [794](#)

GeneBank Accession# [NM_001740](#)

Protein Accession# [NP_001731.1](#)

Gene Name CALB2

Gene Alias CAL2

Gene Description calbindin 2

Omim ID [114051](#)

Gene Ontology [Hyperlink](#)

Gene 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. Three alternatively spliced transcript variants that encode different proteins have been described. [provided by RefSeq]

Other Designations calbindin 2, (29kD, calretinin)|calbindin D29K|calretinin

Disease

- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Genetic Predisposition to Disease](#)