

Calbindin (CALB) Recombinant Protein | CALB recombinant protein

Recombinant Calbindin (CALB)

CATALOG # AAA134334	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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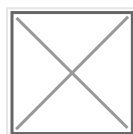
PRODUCT SYNONYMS

Calbindin (CALB); Recombinant Calbindin (CALB); CALB recombinant protein

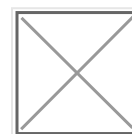
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSQS-AESH LQSSLITASQ FFEIWLHFDA DSGYLEGKE LQNLIQELLQ ARKKAGLELS PEMKTFVDQY GQRDDGKIGI VELAHVLPTE ENFLLLFRCQ QLKSCEEFMK TWRKYDTHS GFETEELKN FLKDLLEKAN KTVDDTKLAE YTDMLMLKLD SNNDGKLELT EMARLLPVQE NFLLKFGIK MCGKEFNKAF ELYDQDNGY IDENELDALL KDLCEKNKQE LDINNISTYK KNIMALSDGG KLYRTDLALI LSAGDN
Sequence Length	261
Applicable Applications for CALB recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ala2~Asn261 (Accession # P07171) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	14010887
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NCBI GeneID	83839
NCBI Accession #	NP_114190.1
NCBI GenBank Nucleotide #	NM_031984.2
UniProt Accession #	P07171
Molecular Weight	31.1kDa
NCBI Official Full Name	calbindin
NCBI Official Synonym Full Names	calbindin 1
NCBI Official Symbol	Calb1
NCBI Official Synonym Symbols	CaBP28K
NCBI Protein Information	calbindin; D-28K; calbindin D28; spot 35 protein; calbindin 1, 28 kD; cerebellar Ca-binding protein spot 35 protein; cerebellar Ca-binding protein, spot 35 protein; vitamin D-dependent calcium-binding protein, avian-type
UniProt Protein Name	Calbindin
UniProt Gene Name	Calb1
UniProt Entry Name	CALB1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/calb1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134334>