

Calcium Channel, Voltage Dependent, N-Type, Alpha 1B Subunit (CACNa1B) Recombinant Protein | CACNa1B recombinant protein

Recombinant Calcium Channel, Voltage Dependent, N-Type, Alpha 1B Subunit (CACNa1B)

CATALOG # AAA153628	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Calcium Channel; Voltage Dependent; N-Type; Alpha 1B Subunit (CACNa1B); Recombinant Calcium Channel; Alpha 1B Subunit; CACNa1B recombinant protein (prokaryotic); Mouse; CACNN; CACNL1A5; BIII; Brain calcium channel III; Calcium channel; L type; alpha-1 polypeptide isoform 5; Voltage-gated calcium channel subunit alpha Cav2.2; CACNa1B recombinant protein

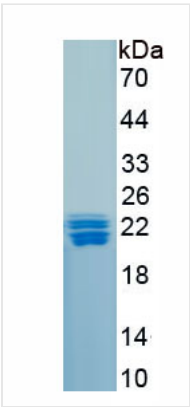
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met246~Trp331
Applicable Applications for CACNa1B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4
Subcellular Location	Membrane
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

IKGKPEACFPNSTDEPVGKPPQKEDFPARQCDGTECREYWGPNPQITNFNILLFALLTPQCITBQWTDLLYNTDAAGNTW

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CACNa1B recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110225368
NCBI GeneID	12287
NCBI Accession #	NP_001035993.1
NCBI GenBank Nucleotide #	NM_001042528.2
UniProt Accession #	O55017; Q60609
Molecular Weight	263,674 Da
NCBI Official Full Name	voltage-dependent N-type calcium channel subunit alpha-1B isoform 1
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, N type, alpha 1B subunit
NCBI Official Symbol	Cacna1b
NCBI Official Synonym Symbols	BIII; Cav2.2; Cchn1a; AW050276; AW060892; AW822256; alpha(1B)
NCBI Protein Information	voltage-dependent N-type calcium channel subunit alpha-1B
UniProt Protein Name	Voltage-dependent N-type calcium channel subunit alpha-1B
UniProt Gene Name	Cacna1b
UniProt Synonym Gene Names	Cach5; Cacn1a5; Cchn1a; BIII

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/cacna1b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153628>