

Calcium Channel Recombinant Protein | CACNa1S recombinant protein

Recombinant Calcium Channel, Voltage Dependent, L-Type, Alpha 1S Subunit (CACNa1S)

CATALOG # AAA143973	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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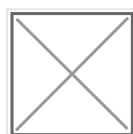
PRODUCT SYNONYMS

Calcium Channel; Recombinant Calcium Channel; Voltage Dependent; L-Type; Alpha 1S Subunit (CACNa1S); CACNa1S recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Sequence	YATFLIQEHF RKFMKRQEEY YGYRPPKDTV QIQAGLRTIE EEAAPEIHRA ISGDP TAEEL LERAMVEAAM EEGIFRRTGG LFGQVDNFLE RTNSLPPVMA NQRPLQFAEI EMEELSPVF LEDFPQNPQT HPLARANTNN AN
Applicable Applications for CACNa1S recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Tyr1505~Asn1646
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	4.8
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 20.0kDa Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.
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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/calcium-channel-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143973>