

Recombinant Mouse Cacng1 Full Length Transmembrane protein, His-tagged

Cat. No. Cacng1-0124M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cacng1 protein(O70578)(1-223aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Mouse
Source	E.coli
ProteinLength	1-223aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	26.6 kDa
AA Sequence	MSQTKTAKVRVTLFFILVGGVLAMVAVVTDHWAVLSPHLEHHNETCEAAHFGLWRI CTARVAVHNKDKSCHEVTPSGEKNCSYFRHFNPGESSEIFEFTTQKEYSISAAAAIAIF SLGFIIVGSICAFSLFGNKRDYLLRPASMFYAFAGLCLIVSVEVMRQSVKRMIDSEDTV WIEHYYSWSFACACAAAFILLFLGGLFLLLFSLPMPQNPWESCMDAEPFH
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name

[Cacng1 calcium channel, voltage-dependent, gamma subunit 1 \[Mus musculus \]](#)

Official Symbol

[Cacng1](#)

Synonyms

CACNG1; calcium channel, voltage-dependent, gamma subunit 1; voltage-dependent calcium channel gamma-1 subunit; dihydropyridine receptor gamma 1; dihydropyridine-sensitive L-type, skeletal muscle calcium channel subunit gamma; MGC117703;

Gene ID

[12299](#)

mRNA Refseq

[NM_007582](#)

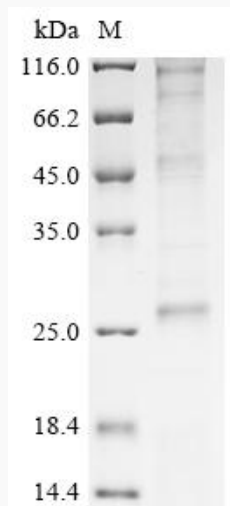
Protein Refseq

[NP_031608](#)

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SDS-PAGE

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