Recombinant Human CACNA1A protein, His-tagged

Cat. No. CACNA1A-301353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CACNA1A protein(821-920 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	821-920 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

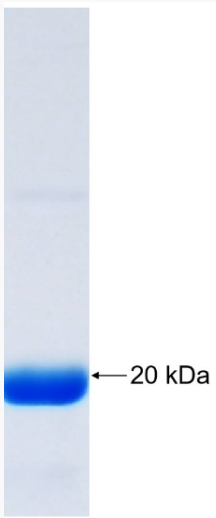
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GENE INFORMATION

Gene Name	CACNA1A calcium channel, voltage-dependent, P/Q type, alpha 1A subunit [Homo sapiens]
Official Symbol	CACNA1A
Synonyms	CACNA1A; calcium channel, voltage-dependent, P/Q type, alpha 1A subunit; CACNL1A4, MHP, MHP1, SCA6; voltage-dependent P/Q-type calcium channel subunit alpha-1A; APCA; Cav2.1; EA2; FHM; HPCA; brain calcium channel 1; brain calcium channel I; calcium channel, L type, alpha-1 polypeptide; voltage-gated calcium channel subunit alpha Cav2.1; BI; MHP; MHP1; SCA6; CAV2.1; CACNL1A4;
Gene ID	773
mRNA Refseq	NM_000068
Protein Refseq	NP_000059
MIM	601011
UniProt ID	O00555

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SDS-PAGE



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