

Recombinant Human CACNA1H protein, His&Flag-tagged

Cat. No. CACNA1H-1186HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CACNA1H protein(NP_001005407)(1-2347 aa), fused with His and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-2347 aa
Form	Lyophilized from a 0.2 µm filtered solution in PBS, pH7.4 with 10% glycerin as protectant.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied; 1 month, 2 to 8 °C under sterile conditions after reconstitution; 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents.It can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -

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20°C.

GENE INFORMATION

Gene Name	CACNA1H calcium channel, voltage-dependent, T type, alpha 1H subunit [Homo sapiens]
Official Symbol	CACNA1H
Synonyms	CACNA1H; calcium channel, voltage-dependent, T type, alpha 1H subunit; voltage-dependent T-type calcium channel subunit alpha-1H; Cav3.2; voltage-gated calcium channel alpha subunit Cav3.2; voltage-gated calcium channel alpha subunit CavT.2; voltage-gated calcium channel subunit alpha Cav3.2; low-voltage-activated calcium channel alpha13.2 subunit; low-voltage-activated calcium channel alpha1 3.2 subunit; voltage dependent t-type calcium channel alpha-1H subunit; calcium channel, voltage-dependent, T type, alpha 1Hb subunit; ECA6; EIG6; CACNA1HB; FLJ90484;
Gene ID	8912
mRNA Refseq	NM_001005407
Protein Refseq	NP_001005407
MIM	607904
UniProt ID	O95180

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