Recombinant Human CACNA2D1 protein, His-SUMO-tagged

Cat. No. CACNA2D1-2619H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CACNA2D1 protein(P54289)(577-717aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	577-717aa
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	32.3 kDa
AA Sequence	KMIDGESGEKTFRTLVKSQDERYIDKGNRTYTWTPVNGTDYSLALVLPTYSFYYIKA KLEETITQARYSETLKPDNFEESGYTFIAPRDYCNDLKISDNNTEFLLNFNEFIDRKTP NNPSCNADLINRVLLDAGFTNELVQ
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 repeated freeze-thaw cycles.

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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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	CACNA2D1 calcium channel, voltage-dependent, alpha 2/delta subunit 1 [Homo sapiens]
Official Symbol	CACNA2D1
Synonyms	CACNA2D1; calcium channel, voltage-dependent, alpha 2/delta subunit 1; CACNA2, CACNL2A, MHS3; voltage-dependent calcium channel subunit alpha-2/delta-1; calcium channel, L type, alpha 2 polypeptide; voltage-gated calcium channel subunit alpha-2/delta-1; dihydropyridine-sensitive L-type, calcium channel alpha-2/delta subunit; CACNA2; CCHL2A; CACNL2A;
Gene ID	781
mRNA Refseq	NM_000722
Protein Refseq	NP_000713
MIM	114204
UniProt ID	P54289

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