Recombinant Human CACNA1A protein, GST-tagged

Cat. No. CACNA1A-301352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CACNA1A (821-920 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met821-Glu920
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MDRPLVVDPQENRNNNTNKSRAAEPTVDQRLGQQRAEDFLRKQARYHDRARDPS GSAGLDARRPWAGSQEAELSREGPYGRESDHHAREGSLEQPGFWEGE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA