

Recombinant Human CACNA1A protein, His-GST-tagged

Cat. No. CACNA1D-352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CACNA1A protein(Met1~Gly95), fused with N-terminal His and GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Gly95
Tag	N-His-GST
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	48kDa
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Purity	> 90%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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GENE INFORMATION

Gene Name	CACNA1D calcium channel, voltage-dependent, L type, alpha 1D subunit [Homo sapiens]
Official Symbol	CACNA1D
Synonyms	CACH3; CACN4; Cav1.3; CCHL1A2; CACNL1A2
Gene ID	776
mRNA Refseq	NM_001128840.1
Protein Refseq	NP_001122312.1
MIM	114206
UniProt ID	Q01668

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