Recombinant Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C)(N-6His)

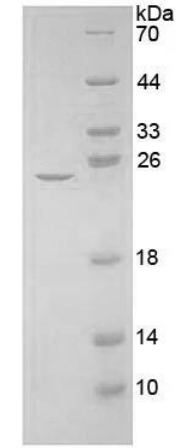
Catalog#:PEM22652

概述（Summary）

别称（Alternative Names）	CACH2; CACN2; CACNL1A1; CCHL1A1; CaV1.2; TS; Voltage-gated calcium channel subunit alpha Cav1.2; Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	6His-【Ser1978-Leu2139】
Accession #	Q01815
表达宿主（Host）	E.coli
种属（Species）	Mus musculus (Mouse)
预测分子量（Predicted MW）	20.8 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Pore-forming, alpha-1C subunit of the voltage-gated calcium channel that gives rise to L-type calcium currents. Mediates influx of calcium ions into the cytoplasm, and thereby triggers calcium release from the sarcoplasm. Plays an important role in excitation-contraction coupling in the heart. Required for normal heart development and normal regulation of heart rhythm. Required for normal contraction of smooth muscle cells in blood vessels and in the intestine.

Essential for normal blood pressure regulation via its role in the contraction of arterial smooth muscle cells. Long-lasting (L-type) calcium channels belong to the 'high-voltage activated' (HVA) group.

电泳图（SDS-PAGE image）



15% SDS-PAGE

Greater than 95% as determined by reducing SDS-PAGE.

注意事项（Note）

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