

Recombinant Human KCNMA1 protein

Cat. No. KCNMA1-4378H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNMA1 protein(Q12791)(411-560aa), was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	411-560aa
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	17.2 kDa
AA Sequence	VVCGHITLESVSNFLKDFLHKDRDDVNVEIVFLHNISPNELEALFKRHFTQVEFYQG SVLNPHDLARVKIESADACLILANKYCADPDAEDASNIMRVISIKNYHPKIRIITQMLQY HNKAHLLNIPSWNWKEGDDAICLAELKLGFA
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

KCNMA1 potassium large conductance calcium-activated channel, subfamily M, alpha member 1 [Homo sapiens]

Official Symbol

KCNMA1

Synonyms

KCNMA1; potassium large conductance calcium-activated channel, subfamily M, alpha member 1; SLO; calcium-activated potassium channel subunit alpha-1; BK channel alpha subunit; KCa1.1; mSLO1; hSlo; k(VCA)alpha; slo homolog; slowpoke homolog; BKCA alpha subunit; maxi-K channel HSLO; stretch-activated Kca channel; calcium-activated potassium channel, subfamily M subunit alpha-1; BKTM; SLO1; MaxiK; SAKCA; SLO-ALPHA; bA205K10.1; MGC71881; DKFZp686K1437;

Gene ID

3778

mRNA Refseq

NM_001014797

Protein Refseq

NP_001014797

MIM

600150

UniProt ID

Q12791

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