# Recombinant Human KCNMA1 Protein (411-560 aa), His-HPC4-tagged

**Cat. No.** KCNMA1-2703H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human KCNMA1 Protein (411-560 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-HPC4 tag at the C-terminal. Research Area: Cancer. Protein Description: Partial. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 411-560 aa |
| **Form** | Tris-based buffer,50% glycerol |
| **Molecular Mass** | 20.0 kDa |
| **AA Sequence** | VVCGHITLESVSNFLKDFLHKDRDDVNVEIVFLHNISPNLELEALFKRHFTQVEFYQG SVLNPHDLARVKIESADACLILANKYCADPDAEDASNIMRVISIKNYHPKIRIITQMLQY HNKAHLLNIPSWNWKEGDDAICLAELKLGFIA |
| **Purity** | > 85% as determined by SDS-PAGE. |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage |

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

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| | temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| **Concentration** | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information. |

## GENE INFORMATION

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| **Gene Name** | KCNMA1 potassium large conductance calcium-activated channel, subfamily M, alpha member 1 [ Homo sapiens ] |
| **Official Symbol** | KCNMA1 |
| **Synonyms** | KCNMA1; SLO; KCa1.1; mSLO1; hSlo; k(VCA)alpha; slo homolog; slowpoke homolog; 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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