

Potassium voltage-gated channel subfamily A member 1 protein Recombinant Protein | KCNA1 recombinant protein

Recombinant human Potassium voltage-gated channel subfamily A member 1 protein

CATALOG # AAA116172	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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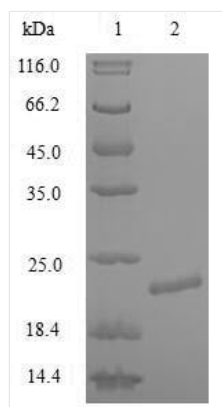
PRODUCT SYNONYMS

Potassium voltage-gated channel subfamily A member 1 protein; Recombinant human Potassium voltage-gated channel subfamily A member 1 protein; KCNA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-154aa; Partial
Sequence	MTVMSENV D EASAAPGHPQ DGSYPRQADH DDHECCERVV INISGLRFET QLKTLAQFPN TLLGNPKKRM RYFDPLRNEY FFDRNRPSFD AILYYYQSGG RLRRPVNVPL DMFSEEIKFY ELGEEAMEKF REDEGFIKEE ERPLPEKEYQ RQVW
Preparation and Storage	Store at -20 degree C. For extended storage, conserve at -20 or -80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KCNA1 recombinant protein	Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.
Product Categories/Family for KCNA1 recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395748
NCBI GeneID	3736
NCBI Accession #	NP_000208.2
NCBI GenBank Nucleotide #	NM_000217.2
UniProt Accession #	Q09470; Q3MIQ9; A6NM83
Molecular Weight	22.2 kDa
NCBI Official Full Name	potassium voltage-gated channel subfamily A member 1
NCBI Official Synonym Full Names	potassium voltage-gated channel, shaker-related subfamily, member 1 (episodic ataxia with myokymia)
NCBI Official Symbol	KCNA1
NCBI Official Synonym Symbols	EA1; MK1; AEMK; HBK1; HUK1; MBK1; RBK1; KV1.1
NCBI Protein Information	potassium voltage-gated channel subfamily A member 1; voltage-gated K(+) channel HuK1; voltage-gated potassium channel HBK1; voltage-gated potassium channel subunit Kv1.1
UniProt Protein Name	Potassium voltage-gated channel subfamily A member 1
UniProt Gene Name	KCNA1
UniProt Entry Name	KCNA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/kcna1-recombinant-protein-e-coli/116172>