

Probable voltage-gated potassium channel subunit beta (KAB1), Recombinant Protein

Cat *RP01792*

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Probable voltage-gated potassium channel subunit beta (KAB1)

Product Gene Name

KAB1 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MQYKNLGKSG LKVSTLSFGA WVTFGNQLDV KEAKSILQCC RDHGVNFFDN AEVYANGRAE EIMGQAIREL
GWRRSDIVIS TKIFWGGPGP NDKGLSRKHI VEGTKASLKR LDMDYVDVLY CHRPDASTPI EETVRAMNYV
IDKGWAFYWG TSEWSAQKIT EAWGAADRLD LVGPIVEQPE YNMFARHKVE TEFLPLYTNH GIGLTTWSPL
ASGVLTKYKN KGAIPSDSRF ALENYKNLAN RSLVDDVLRK VSGLKPIADE LGVTLAQLAI AWCASNPVVS
SVITGATRES QIQENMKAVD VIPLLTPIVL DKIEQVIQSK PKRPESYR

Sequence Positions

1-328, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

36,539 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession

NP_171963.1

NCBI GI

15219795

NCBI GenBank Nucleotide

NM_100349.4

NCBI GeneID

839450

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

potassium channel beta subunit 1

NCBI Official Symbol

KAB1

NCBI Official Synonym Symbols

K+ CHANNEL BETA SUBUNIT PROTEIN; KV-BETA1; potassium channel beta subunit 1; POTASSIUM CHANNEL BETA SUBUNIT HOMOLOG; T1G11.6; T1G11_6

NCBI Protein Information

potassium channel beta subunit 1

UniProt Gene Name

KAB1

UniProt Synonym Gene Names

KV-BETA1; KV-beta1

UniProt Protein Name

Probable voltage-gated potassium channel subunit beta

UniProt Synonym Protein Names

K(+) channel subunit beta; Potassium voltage beta 1; KV-beta1

UniProt Primary Accession

O23016

UniProt Secondary Accession

Q39151

UniProt Related Accession

O23016

UniProt Comments

Probable accessory potassium channel protein which modulates the activity of the pore-forming alpha subunit.

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