

Beta-adrenergic receptor kinase 1 Recombinant Protein | Adrbk1 recombinant protein

Recombinant Mouse Beta-adrenergic receptor kinase 1

CATALOG # AAA116502	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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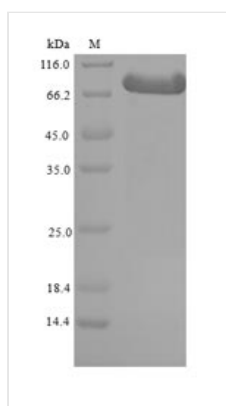
PRODUCT SYNONYMS

Beta-adrenergic receptor kinase 1; Recombinant Mouse Beta-adrenergic receptor kinase 1; G-protein-coupled receptor kinase 2; Adrbk1 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	1-689. Full Length
Sequence	MADLEAVLAD VSYLMAMEKS KATPAARASK KILLPEPSIR SVMQKYLEDR GEVTFEKIFS QKLG YLLFRD FCLNHLEEK PLVEFYEEIK KYEKLETEEE RVVRSREIFD SYIMKELLAC SHPFSKNATE HVQGHVKKQ VPPDLFQPYI EEICQNLRGD VFQKFIESDK FTRFCQWKNV ELNIHLTMND FSVHRIIGRG GFGEVYGCRK ADTGKMYAMK CLDKKRIKMK QGETLALNER IMLSLVSTGD CPFIVCMSYA FHTPDKLSFI LDLMNGGDLH YHLSQHGVS EADMRFYAAE IILGLEMHMN RFVVYRDLKP ANILLDEHGH VRISDLGLAC DFSKKRPHAS VGTHGYMAPE VLQKGVAYDS SADWFSLGCM LFKLLRGHSP FRQHKTCDKH EIDRMTLTMA VELPDSFSPE LRSLLLEGLLQ RDVNRRLGCL GRGAQEVKES PFFRSLDWQM VFLQKYPPPL IPPRGEVNAA DAFDIGSFDE EDTKGIKLLD SDQELYRNFP LTISERWQQE VAETVFD TIN AETDRLEARK KAKNKQLGHE EDYALGKDCI VHGYSKMG N PFLTQWQRRY FYLFPNRLEW RGEGEAPQSL LTMEEIQSVE ETQIKERKCL LLKIRGGKQF VLQCDSDPEL VQWKKELRDA YREAQQLVQR VPKMKNKPRS PVVELSKVPL IQRGSANGL
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Adrbk1 recombinant protein

Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them.

References	"Cloning of GRK2 cDNA from S49 murine lymphoma cells." Hughes R.J., Anderson K.L., Kiel D., Insel P.A. Am. J. Physiol. 270:C885-C891(1996)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	595763175
NCBI GeneID	110355
NCBI Accession #	NP_001277747.1
NCBI GenBank Nucleotide #	NM_001290818.1
UniProt Accession #	Q99MK8; Q99LL8
Molecular Weight	95.6 kDa
NCBI Official Full Name	beta-adrenergic receptor kinase 1 isoform 1
NCBI Official Synonym Full Names	adrenergic receptor kinase, beta 1
NCBI Official Symbol	Adrbk1
NCBI Official Synonym Symbols	GRK2; Bark-1; Adrbk-1; beta ARK; betaARK1
NCBI Protein Information	beta-adrenergic receptor kinase 1
UniProt Protein Name	Beta-adrenergic receptor kinase 1
UniProt Gene Name	Adrbk1
UniProt Synonym Gene Names	Grk2; Beta-ARK-1
UniProt Entry Name	ARBK1_MOUSE

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/adrbk1-recombinant-protein-e-coli/116502>