

Datasheet for ABIN7552234
ADRBK2 Protein (AA 1-688) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ADRBK2
Protein Characteristics:	AA 1-688
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADRBK2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GRK3 Protein expressed in mammalian cells.
Sequence:	MADLEAVLAD VSYLMAMEKS KATPAARASK RIVLPEPSIR SVMQKYLAER NEITFDKIFN QKIGFLLFKD FCLNEINEAV PQVKFYEEIK EYEKLDNEED RLCRSRQIYD AYIMKELLSC SHPFSKQAVE HVQSHLSKKQ VTSTLFQPYI EEICESLRGD IFQKFMESDK FTRFCQWKNV ELNIHLMNE FSVHRIIGRG GFGEVYGCRK ADTGKMYAMK CLDKKRIKMK QGETLALNER IMLSLVSTGD CPFIVCMTYA FHTPKLCFI LDLMNGGDLH YHLSQHGVFS EKEMRFYATE IILGLEHMHN RFVVYRDLKP ANILLDEHGH ARISDLGLAC DFSKKKPHAS VGTHGYMAPE VLQKGTAYDS SADWFLGCM LFKLLRGHSP FRQHKTCDKH EIDRMTLTVN VELPDTFSPE LKSLLEGLLQ RDVSKRLGCH GGSQEVKEH SFFKGVWDWQH VYLQKYPPPL IPPRGEVNAA DAFDIGSFDE EDTKGIKLLD CDQELYKNFP LVISERWQQE VTETVYEAVN ADTDKIEARK RAKNKQLGHE EDYALGKDCI MHGYMLKLG N PFLTQWQRRY FYLFPNRLEW RGEGESRQNL LTMEQILSVE ETQIKDKKCI LFRIKGGKQF VLQCESDPEF VQWKKELNET FKEAQRLLRR APKFLNKPRS GTVELPKPSL CHRNSNGL Sequence without tag. The proposed Purification-

Product Details

Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ADRBK2

Alternative Name: GRK3 ([ADRBK2 Products](#))

Background: G protein-coupled receptor kinase 3 (EC 2.7.11.15) (Beta-adrenergic receptor kinase 2) (Beta-ARK-2),FUNCTION: Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors. {ECO:0000250|UniProtKB:P26819}.

Molecular Weight: 79.7 kDa

UniProt: [P35626](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling, Thromboxane A2 Receptor Signaling](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months