

Datasheet for ABIN7557313
ADRBK2 Protein (AA 1-688) (His tag)



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Overview

Quantity:	1 mg
Target:	ADRBK2
Protein Characteristics:	AA 1-688
Origin:	Mouse
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 KTAPAAARASK KVVLPESIR SVMQRYLAER NEITFDKIFN QKIGFLLFKD FCLNEIGEAV PQVKFYEEIK EYEKLDNEED RLRRSRQMYD AYIMRELLSS THQFSKQAVE HVQSHLSKKQ VTATLFQPYI EEICESLRGD IFQKFMESDK FTRFCQWKNV ELNIHLSMND FSVHRIIGRG GFGEVYGCRK ADTGKMYAMK CLDKKRVKMK QGETLALNER IMLSLVSTGD CPFIVCMTYA FHTPDKLCFI LDLMNGGDMH YHLSQHGVFS EKEMRFYASE IILGLEHMHT CFVVYRDLKP ANILLDEYGH VRISDLGLAC DFSKKKPHAS VGTHGYMAPE VLQKGTCYDS SADWFLGCM LFKLLRGHSP FRQHKTCDKH EIDRMTLTVN VQLPDAFSPE LRSLLEGLLQ RDVSQRLGCG GGGARELKEH IFFKIDWQH VYLRKYPPPL IPPRGEVNAA DAFDIGSFDE EDTKGIKLLD CDQDLYKNFP LVISERWQQE VVETIYDAVN ADTDKIEARR KAKNKQLGQE EDYAMGKDCI MHGYMLKLG N PFLTQWQRRY FYLFPNRLEW RGEGESRQSL LTMEQIMSVE ETQIKDRKCI LLRIKGGKQF VLQCESDPEF AQWLKELTCT FNEAQRLLRR APKFLNKPRA AILEFSKPPL CHRNSSGL Sequence without tag. The proposed Purification-Tag

Product Details

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: [Q3UYH7](#)

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
