

Datasheet for ABIN7547967
GK5 Protein (AA 1-529) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GK5
Protein Characteristics:	AA 1-529
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GK5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat GK5 Protein expressed in mammalian cells.
Sequence:	<p>MSGLLTDPEQ RAQEPRYPGF VLGLDVGSSV IRCHVYDRAA RVCGSSVQKV ENLYPQIGWV EIDPDVLWIQ FVAVIKEAVK AAGIQMNQIV GLGISTQRAT FITWNKKTGN HFHNFISWQD LRAVELVKS W NNSLLMKIFH SSCRVLHFFT RSKRLFTASL FTFTTQQTSL RLVWILQNL T EVQKAVEEEN CCFGTIDTWL LYKLTGKSVY ATDFSNASTT GLFDPYKMCW SGMITSLISI PLSLLPPVRD TSHNFGSVDE EIFGVPIPIV ALVADQQSAM FGECCFQTGD VKLTMGTGTF LDINTGNSLQ QTTGGFYPLI GWKIGQEVVC LAESNAGDTG TAIKWAQQLD LFTDAAETEK MAKSLEDSEG VCFVPSFSG L QAPLNDPWAC ASFMGLKPST SKYHLVRAIL ESIAFRNKQL YEMMKKEIHI PVRKIRADGG VCKNGFVMQM TSDLINENID RPADIDMSCL GAASLAGLAV GFWTDKEELK KLRQSEVVK PQQKCEYEM SLENWAKAVK RSMNWNK T Sequence without tag. The proposed Purification-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</p>

Product Details

special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	GK5
Alternative Name:	GK5 (GK5 Products)
Background:	Putative glycerol kinase 5 (GK 5) (Glycerokinase 5) (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase 5)
Molecular Weight:	59.2 kDa
UniProt:	Q6ZS86

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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