

Datasheet for ABIN7554017
GLIS2 Protein (AA 1-524) (His tag)



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Overview

Quantity:	1 mg
Target:	GLIS2
Protein Characteristics:	AA 1-524
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLIS2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GLIS2 Protein expressed in mammalian cells.
Sequence:	MHSLDEPLDL KLSITKLRAA REKRERTLGV VRPRALHREL GLVDDSPTPG SPGSPPSGFL LNSKFPEKVE GRFSAAPLVD LSLPPSGLD SPNGSSSLSP ERQNGDLPP VPSASDFQPL RYLDGVPSSF QFFLPLGSGG ALHLPASSFL TPPKDKCLSP DLPLPKQLVC RWAKCNQLFE LLQDLVDHVN DYHVKPEKDA GYCCHWEGCA RHGRGFNARY KMLIHIRTHT NEKPHRCPTC SKSFSRLENL KIHNRSHTE KPYVCPYEGC NKRYSNSSDR FKHTRTHYVD KPYECKMPGC HKRYTDPSSL RKHIKAHGHE VSHEQQELLQ LRPPPKPPLP APDGGPYVSG AQIIPNPAA LFGGPGLPGL PLPLAPGLD LSALACNGG GSGGGGMGP GLPGVPLPLN LAKNPLLPSP FGAGGLLPV VLLAGAAGG KAEGEKGRGS VPTRALGMEG HKTPLERTES SCSRSPDGL PLLPGTVLDL STGVNSAASS PEALAPGWWV IPPGSVLLKP AVVN 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 special request, please contact us.

Product Details

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: GLIS2

Alternative Name: GLIS2 ([GLIS2 Products](#))

Background: Zinc finger protein GLIS2 (GLI-similar 2) (Neuronal Krueppel-like protein),FUNCTION: Can act either as a transcriptional repressor or as a transcriptional activator, depending on the cell context. Acts as a repressor of the Hedgehog signaling pathway (By similarity). Represses the Hedgehog-dependent expression of Wnt4 (By similarity). Necessary to maintain the differentiated epithelial phenotype in renal cells through the inhibition of SNAI1, which itself induces the epithelial-to-mesenchymal transition (By similarity). Represses transcriptional activation mediated by CTNNB1 in the Wnt signaling pathway. May act by recruiting the corepressors CTBP1 and HDAC3. May be involved in neuron differentiation (By similarity). {ECO:0000250}.

Molecular Weight: 55.7 kDa

Target Details

UniProt: [Q9BZE0](#)

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