

Datasheet for ABIN7559479
GLIS1 Protein (AA 1-789) (His tag)



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Overview

Quantity:	1 mg
Target:	GLIS1
Protein Characteristics:	AA 1-789
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLIS1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Glis1 Protein expressed in mammalian cells.
Sequence:	MHCEVAEALS DKRPKEAPGA PGQGRGPVSL GAHMAFRIAV SGGGCGDGNP LDLLPRLPVP PPRAHDLLRP RSPRDYGVSK TGSGKVNGSY GHSSEKSLLD LDLAEGSPSPS CHQGLFLPAG TPPPRGHPPV CEKLLHFHPH NRSRPQATF VNGSLPAAQH IKQEALPDYQ AMVSAHTPLP THCRAPSSMG LPSDLDFPDR GLTNPAPSCY LLGNEPISDL GPQPEAHLPE GSLKRCCLLG LPPTSSASSS PCASSDINPV IHSSQTALVS CVNGLRSPPL PGDLGGPPKR SRPGPASSDG QEGSLQLEAC RKSGFLKQEP MDEFSELFAP HHQGLPPPYP LPQLPTGPGL GGLGLGLAGR MVAGRQACRW VDCCAAYEQQ EELVRHIEKS HIDQRKGEDF TCFWAGCVRR YKPFNARYKL LIHMRVHSGE KPNKCMFEGC SKAFSRLLENL KIHLSHTGE KPYLCQHPGC QKAFSNSDDR AKHQRTHLDT KPYACQIPGC SKRYTDPSSL RKHVKAHSAK EQQVRKLLHT GADPEADVLS ECLSLQQLQA STLLPASRGK GSQTLSQELL PGVYPGSVTP QNGLASGILS PSHDVPSRHH PLEVPTGSHH HLSPLPTAES TRDGLGPSLL SPMVSPLKGL GPPPLPPASQ SQSPGGQSFS TVPSKPTYPS FQSPPLPSP QGYQGSFHSI QNCFPYADCY RATEPAASRD GLVGDAHGPN

Product Details

PLRPSTYSSL STPLSAPGYE TLAETPCPPA LQPQPAEDLV PSGPEDCGFF PNGAFDHCLS

HIPSIYTD **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.**

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: GLIS1

Alternative Name: Glis1 ([GLIS1 Products](#))

Background: Zinc finger protein GLIS1 (GLI-similar 1) (Gli homologous protein 1) (GliH1),FUNCTION: Acts both as a repressor and an activator of transcription (PubMed:12042312, PubMed:12385751, PubMed:21654807). Binds to the consensus sequence 5'-GACCACCCAC-3' (PubMed:12042312). By controlling the expression of genes involved in cell differentiation inhibits the lineage commitment of multipotent cells (PubMed:21654807, PubMed:30544251). Prevents, for instance, the differentiation of multipotent mesenchymal cells into adipocyte and osteoblast (PubMed:30544251). {ECO:0000269|PubMed:12042312,

Target Details

ECO:0000269|PubMed:12385751, ECO:0000269|PubMed:21654807,
ECO:0000269|PubMed:30544251}.

Molecular Weight: 84.2 kDa

UniProt: [Q8K1M4](#)

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