

Datasheet for ABIN7548211
GSC Protein (AA 1-257) (His tag)



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Overview

Quantity:	1 mg
Target:	GSC
Protein Characteristics:	AA 1-257
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GSC protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GSC Protein expressed in mammalian cells.
Sequence:	MPASMFSIDN ILAARPRCKD SVLPVAHSAA APVVPALHG DSLYGASGGA SSDYGAFYPR PVAPGGAGLP AAVSGSRLGY NNYFYGQLHV QAAPVGPACC GAVPPLGAQQ CSCVPTPPGY EGPGSVLVSP VPHQMLPYMN VGTLSRTELQ LLNQLHCRRK RRHRTIFTDE QLEALENLFQ ETKYPDVGTR EQLARKVHLR EEKVEVWFKN RRAKWRRQKR SSSESENAE KWNKTSSSKA SPEKREEEGK SDLSDS 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	GSC
Alternative Name:	GSC (GSC Products)
Background:	Homeobox protein gooseoid,FUNCTION: Regulates chordin (CHRD). May play a role in spatial programing within discrete embryonic fields or lineage compartments during organogenesis. In concert with NKX3-2, plays a role in defining the structural components of the middle ear, required for the development of the entire tympanic ring (By similarity). Probably involved in the regulatory networks that define neural crest cell fate specification and determine mesoderm cell lineages in mammals. {ECO:0000250, ECO:0000269 PubMed:24290375}.
Molecular Weight:	28.2 kDa
UniProt:	P56915

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