

Datasheet for ABIN7551969

GNAS Protein (AA 1-626) (His tag)



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Overview

Quantity:	1 mg
Target:	GNAS
Protein Characteristics:	AA 1-626
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAS protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat GNAS Protein expressed in mammalian cells.
Sequence:	MMARPVDPQR SPDPTFRSST RHSGKLEPME ATAHLLRKQC PSRLNSPAWE ASGLHWSSLD SPVGSMQALR PSAQHSWSPE PSVVPDQAW E DTALHQKKLC PLSLTSLPRE AAVNFSYRSQ TLLQEAQVLQ GSPELLPRSP KPSGLQRLAP EEATALPLRR LCHLSLMEKD LGTTAHPRGF PELSHKSTAA ASSRQSRPRV RSASLPPrTR LPSGSQAPSA AHPKRLSDLL LTSRAAAPGW RSPDPRSLA APPLGSTTLP STWTAPQSRL TARPSRSPEP QIRESEQRDP QLRRKQQRWK EPLMPREEK YPLRGTDPLP PGQPQRIPL GQPLQPQIL TPGQPQKIPT PGQHQPILTP GHSQPIPTPG QPLPPQPIPT PGRPLTPQPI PTPGRPLTPQ PIQMPGRPLR LPPPLRLLRP GQPMSPQLRQ TQGLPLQPL LPPGQPKSAG RPLQLPPGP DARSISDPPA PRSRLPIRL RGLLARLP GG ASPRAAAAAA CTTMKGWPAA TMTPAETSPT MGPPDASAGF SIGEIAAAES PSATYSATFS CKPSGAASVD LRVSPKPRA LSRSRYPWR RSADRCAKKP WRSRPSAQR RNAVSSSTNN SRTKRWATCV RTACCF 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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

GNAS

Alternative Name:

GNAS ([GNAS Products](#))

Background:

Protein ALEX (Alternative gene product encoded by XL-exon),FUNCTION: May inhibit the adenylyl cyclase-stimulating activity of guanine nucleotide-binding protein G(s) subunit alpha which is produced from the same locus in a different open reading frame.
{ECO:0000269|PubMed:12719376}.

Molecular Weight:

67.9 kDa

UniProt:

[P84996](#)

Pathways:

[Thyroid Hormone Synthesis](#), [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [Embryonic Body Morphogenesis](#)

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