

Datasheet for ABIN7547818

GANC Protein (AA 1-914) (His tag)



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Overview

Quantity:	1 mg
Target:	GANC
Protein Characteristics:	AA 1-914
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GANC protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat GANC Protein expressed in mammalian cells.
Sequence:	MEAAVKKEIS LEDEAVDKNI FRDCNKIAFY RRQKQWLSKK STYQALLDSV TTDEDSTRFQ IINEASKVPL LAEYIGIEGN IFRLKINEET PLKPRFEVPD VLTSKPSTVR LISCSDTGS LILADGKGDL KCHITANPFK VDLVSEEEVV ISINSLGQLY FEHLQILHKQ RAAKENEET SVDTSQENQE DLGLWEEKFG KFVDIKANGP SSIGLDFSLH GFEHLYGIPQ HAESHQLKNT GDGDAYRLYN LDVYGYQIYD KMGYGSVPY LLAHKLGRIT GIFWLNASET LVEINTEPAV EYTLTQMGPV AAKQKVRST HVHWMSESGI IDVFLLTGPT PSDVFKQYSH LTGTQAMPPL FSLGYHQCRW NYEDEQDVKA VDAGFDEHDI PYDAMWLDIE HTEGKRYFTW DKNRFPNPKR MQELLRSKKR KLVVISDPHI KIDPDYSVYV KAKDQGFFVK NQEGEDFEGV CWPGLSSYLD FTNPKVREWY SSLFAFPVYQ GSTDILFLWN DMNEPSVFRG PEQTMQKNAI HHGNWEHREL HNIYGFYHQM ATAEGLIKRS KGKERPFVLT RSFFAGSQKY GAVWTGDNTA EWSNLKISIP MLLTSLITGI SFCGADIGGF IGNPETELLV RWYQAGAYQP FFRGHATMNT KRREPWLFG EHTRLIREAI

RERYGLLPYW YSLFYHAHVA SQPVMRPLWV EFPDELKTFD MEDEYMLGSA LLVHPVTEPK
ATTVDVFLPG SNEVWYDYKT FAHWEGGCTV KIPVALDTIP VFQRGGSVIP IKTTVGKSTG
WMTESYGLR VALSTKGSSV GELYLDDGHS FQYLHQKQFL HRKFSFCSSV LINSFADQRG
HYPSKCVVEK ILVLGFRKEP SSVTTHSSDG KDQPVAFTYC AKTSILSLEK LSLNIATDWE VRII

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:

GANC

Alternative Name:

GANC ([GANC Products](#))

Background:

Neutral alpha-glucosidase C (EC 3.2.1.20),FUNCTION: Has alpha-glucosidase activity.
{ECO:0000269|PubMed:12370436}.

Molecular Weight:

104.3 kDa

UniProt:

[Q8TET4](#)

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