

Datasheet for ABIN7562091  
**C8orf80 Protein (AA 1-796) (His tag)**



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## Overview

Quantity:	1 mg
Target:	C8orf80 (NUGGC)
Protein Characteristics:	AA 1-796
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C8orf80 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Nuggc Protein expressed in mammalian cells.
Sequence:	MEEMEALVGV VPHSADCDLF KEPVRKRRRL HRDRQFQAFP SAEQSALKEY EKLECRTRRV LSNTYQKLIQ SVFLDDSIPS GLKYLINRLL ALIEKSPLEP VYVGFLGITG AGKSSLINAL IRQAMFLPVS GESVCTSCIV QVSSGCCEQY EAKIHLLSDQ EWKAELKDLT KLLHRAEQSG EEEADLWDRD DATEEAAQKL RMLYGHGAER RHYEELLRLK PRGRIPNSRT ITLKAEAEAGE LSVKLDPYIR TRRRDWDGES AETQIWPLIK YVEVILPKSA LIPEGVVLVD IPGTGDFNSK RDKMWKKTID KCSVIWVISD IERSVGGKTH EDLLSESIKA CQRGFCRDIA LVVTKTDKLH LQEYLRERKM GNQAIQSORE AVLQRNEIHK LQRKRMLKEK LKRKLPADSK VLEASDLVYT VSAHEYWQRT ILTEESEIP KLREYIRKRI LDKKRRLVTK YVTEAFGLLL LTDTLNTEES LLTEELNTGG LRQFVEEKME LLEKAIEQCF ARMEQPLQTG VQVAMTSYRR ILGSCLVRSR GNQGFHQTLK AVCLKNGVYA SRTLARIDLN EALSQPIYDQ IDPVFGGIFR DGKPTAPALM QHIDAFKHSL EERMAEVGVR SGWKQDGYKR SFLIQEISAI LGGLESHILR RKRKIYKSVT SSIQNDLKPC YEEAAQITGK KACERMKDVI RRGVERQVAE GLFERAQERM WHQFRQLKHG

## Product Details

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ITEKVKGSIT TMLTLAAPQG VGLCKELADV RNEQKEMEKL YRSLREVAEN AQLRRSMQDF  
LLRMSPSKAG PHGTKL **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

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**Target:** C8orf80 (NUGGC)

**Alternative Name:** Nuggc ([NUGGC Products](#))

**Background:** Nuclear GTPase SLIP-GC (EC 3.6.1.-) (Speckled-like pattern in the germinal center),FUNCTION: Nuclear GTPase found in germinal center B-cells, where it may inhibit function of the activation-induced cytidine deaminase AICDA (By similarity). Reduces somatic hypermutation in B-cells which may enhance genome stability (PubMed:22833677). {ECO:0000250|UniProtKB:Q68CJ6, ECO:0000269|PubMed:22833677}.

**Molecular Weight:** 91.3 kDa

## Target Details

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UniProt: [D3YWJ0](#)

## Application Details

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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

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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