



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

GNS (Human) Recombinant Protein (P01)

Catalog Number: H00002799-P01

Regulation Status: For research use only (RUO)

Product Description: Human GNS full-length ORF (NP_002067.1, 1 a.a. - 552 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRLLPLAPGRLRRGSPRHLPSCSPALLLVLGGLGV
FGVAAGTRRPNVLLLLTDDQDEVLGGMTPLKTKALIG
EMGMTFSSAYVPSALCCPSRASILTGYPHNHVNN
TLEGNCSKSWQKIQEPNTFPAILRSMCGYQTFAGK
YLNEYGAPDAGGLEHVPLGWSYWYALEKNSKYNYT
LSINGKARKHGENYSVDYLTDLANVSLDFLDYKSNFE
PFFMMIATPAPHSPWTAAPQYQKAFQNVFAPRNKNFN
IHGTNKHWRIRQAKTPMTNSSIQFLDNAFRKRWQTLLS
VDDLVEKLVKRLEFTGELNNTYIFYTSDNGYHTGQFSL
PIDKRQLYEFDIKVPLLVRGPGIKPNQTSKMLVANIDLG
PTILDIAGYDLNKTQMDGMSLLPILRGASNLWRSVLDL
VEYQGEGRNVTDPCTPSLSPGVSQCFPDCVCEDAYN
NTYACVRTMSALWNLQYCEFDQEVFVEVYNLTADP
DQITNIAKTIDPELLGKMNYRLMMLQSCSGPTCRTPGV
FDPGYRFDPRMLMFSNRGSRVTRRFSKHL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 88.5

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 2799

Gene Symbol: GNS

Gene Alias: G6S, MGC21274

Gene Summary: The product of this gene is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparan sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder mucopolysaccharidosis type IIID (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome. [provided by RefSeq]