



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### COG1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00009382-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human COG1 full-length ORF ( NP\_061184.1, 1 a.a. - 980 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MATAATSPALKRLDLRDPALFETHGAEIIRGLERQVR  
AEIEHKKEELRQMVGERYRDIEAADTIGQMRRCAVGL  
VDAVKATDQYCARLRQAGSAAPRPPRAQQPQQPSQE  
KFYSMAAQIKLLEIPEKIWSSMEASQCLHATQLYLLCC  
HLHSLQLDSSSRYSPLSRFPILIRQVAAASHFRSTI  
LHESKMLLKCGVSDQAVAEALCSIMLLEESSPRQALT  
DFLLARKATIQKLLNQP HHGAGIKAQICSLVELLATT  
KAHALFYTLPEGLLPDPALPCGLLFSTLETITGQHPAG  
KGTGVLQEEMKLC SWFKHLPASIVEFQPTLRTLAHPIS  
QEYLKDTLQKWIHMCNEDIKNGITNLLMYVKSMKGLA  
GIRDAMWELLTNESTNHSWDVLCRRLEKPLLFWEDM  
MQQLFLDRLQTLTKEGFDSISSSSKELLVSALQELESS  
TSNSPSNKHIFEYNMSLFLWSESPNDLPSDAAWVSV  
ANRGQFASSGLSMKAQAISPCVQNFCSALDSKLVKL  
DDLAYLPSSDSSLPKDVSPTQAKSSAFDRYADAGTV  
QEMLRQSVACIKHIVDCIRAE LQSIEEGVQGGQDALN  
SAKLH SVLFMARLCQSLGELCPHLKQCILGKSESSEKP  
AREFRALRKQGVKTQEIIPTQAKWQEVKEVLLQQSV  
MGYQVWSSAVVKVLIHGFTQSLLLDDAGSVLATATSW  
DELEIQEEAESGSSVTSKIRLPAQPSWYVQSFLFSLCQ  
EINRVGGHALPKVTLQEMLKSCMVQVVAAYEKLSEEK  
QIKKEGAFPVTQNRALQLLYDLRYLNIVLTAKGDEVKS  
GRSKPDSRIEKVTDHLEALIDPFDLDVFTPHLNSNLHRL  
VQRTSVLFGLVTGTENQLAPRSSTFNSQEPHNILPLAS  
SQIRFGLLPLSMTSTRKAKSTRNIETKAQVPPARSTA  
GDPTVPGSLFRQLVSEEDNTSAPSLFKLGWLSSMTK

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 135.4

**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:** 9382

**Gene Symbol:** COG1

**Gene Alias:** CDG2G, DKFZp762L1710, KIAA1381, LDLB

**Gene Summary:** The protein encoded by this gene is one of eight proteins (Cog1-8) which form a Golgi-localized complex (COG) required for normal Golgi morphology and function. It is thought that this protein is required for steps in the normal medial and trans Golgi-associated processing of glycoconjugates and plays a role in the organization of the Golgi-localized complex. [provided by RefSeq]