



# 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

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## Datasheet

### LARGE (Human) Recombinant Protein (P01)

**Catalog Number:** H00009215-P01

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

**Product Description:** Human LARGE full-length ORF ( NP\_004728.1, 1 a.a. - 756 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLGICRGRRKFLAASLLLCIPAITWIYLFSGSFEDGKP  
VLSLPLESAHSPRYTASSQRERESLEVRMREVEEEN  
RALRRQLSLAQGRAPSHRRGNHNSKTYSMEEGTGDSE  
NLRAGIVAGNSSECGQPVEKCEIHVAIVCAGYNAS  
RDVVTLVKSFLHRRNPLHFHLIADSI AEQILATL FQTW  
MVAVRVDFYNADDELKSEVSWIPNKHYSYGIYGLMKLV  
LTKTLPANLERVIVLDTITFATDIAELWAVFHKFKGQQ  
VLGLVENQSDWYLGNLWKNHRPWPALGRGYNTGVIL  
LLLDKLRKMKWEQMWRLTAERELMGMMLSTSLADQDIF  
NAVIKQNPFLVYQLPCFWNVQLSDHTRSEQCYRDVSD  
LKVIHWNSPKLRVKNKHVEFFRNLYLTFLEYDGNLLR  
RELFGCPSEADVNSENLQKQSELDEDDLCYEFRRER  
FTVHRTHLYFLHYEYEPAADSTDVTLVAQLSMDRLQM  
LEAICKHWE GPISLALYLSDAEAQQFLRYAQQSEVLMS  
RHNVG YHIVYKEGQFYPVNLRLNVAMKHISTPYMFLS  
DIDFLPMYGLYEYLRKSVIQLDLANTKKAMIVPAFETLR  
YRLSFPKSKAELLSMLDMGTLFTFRYHVWTKGHAPT  
FAKWRTATTPYRVEWEADFEPEYVVVRRDCPEYDRRF  
VGFGWNVKVAHIMELDVQEYEFIVLPNAYMIHMPHAPS  
FDITKFRSNKQYRICLKTLEEFQQDMSRRYGF AALKY  
LTAENNS

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

**Theoretical MW (kDa):** 114.5

**Interspecies Antigen Sequence:** Mouse (97)

**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:** 9215

**Gene Symbol:** LARGE

**Gene Alias:** KIAA0609, MDC1D

**Gene Summary:** This gene, which is one of the largest in the human genome, encodes a member of the N-acetylglucosaminyltransferase gene family. It encodes a glycosyltransferase which participates in glycosylation of alpha-dystroglycan, and may carry out the synthesis of glycoprotein and glycosphingolipid sugar chains. It may also be involved in the addition of a repeated disaccharide unit. Mutations in this gene cause MDC1D, a novel form of congenital muscular dystrophy with severe mental retardation and abnormal glycosylation of alpha-dystroglycan. Alternative splicing of this gene results in two transcript variants that encode the same protein. [provided by RefSeq]