



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### MANBA (Human) Recombinant Protein (P01)

**Catalog Number:** H00004126-P01

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

**Product Description:** Human MANBA full-length ORF (AAH15743.1, 1 a.a. - 879 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRLHLLLLLALCGAGTTAAELSYSLRGNWSICNGNGSL  
ELPGAVPGCVHSALFQQGLIQDSYYRFNDLNYRWVSL  
DNWTYSKEFKIPFEISKWQKVNILEGVDTVSKILFNEV  
TIGETDNMFNRYSFDITNVVRDVNSIELRFQSAVLYAA  
QQSKAHTRYQVPPDCPPLVQKGECHVNFVRKEQCSF  
SWDWGPSFPTQGIWKDVRIEAYNICHNLNYFTFSPIYDK  
SAQEWNLIESTFDVVS SKPVGGQVIVAIPKLQTQQTY  
SIELQPGKRIVELFVNISKNITVETWWPHGHGNQTGYN  
MTVLFELDGGLNIEKSAKVYFRTVELIEEPIKGSPLSF  
YFKINGFPIFLKGSNWIPADSFQDRVTSELLRLLLQSVV  
DANMNTLRVWGGGIYEQDEFYELCDELGIMVWQDFM  
FACALYPTDQGF LDSVTAEVAYQIKRLKSHPSIIIWSGN  
NENEEALMMNWHYHISFTDRPIYIKDYVTLVYKNIRELVL  
AGDKSRPFITSSPTNGAETVAEAWVSQNPNSNYFGDV  
HFYDYISDCWNWKFVFKARFASEYGYQSWPSFSTLE  
KVSSTEDWSFNSKFSLHRQHHEGGNKQMLYQAGLHF  
KLPQSTDPLRTFKDTIYLTQVMQAQCVKTETEFYRRSR  
SEIVDQQGHTMGALYWQLNDIWQAPSWASLEYGGK  
WKMLHYFAQNFFAPLLPVG FENENMFYIYGVS DLHSD  
YSMTLSVRVHTWSSLEPVCSRVTFRFVMKGG EAVCL  
YEVPVSELLRRCGNCTRESCVVSFYLSADHELLSPTN  
YHFLSSPKEAVGLCKAQITAIISQQGDIFVFDLETSAVA  
PFVWLDVGSIPGRFSDNGFLMTEKTRTILFY PWEPTSK  
NELEQSFHVTSLTDIY

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

**Theoretical MW (kDa):** 127.3

**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:** 4126

**Gene Symbol:** MANBA

**Gene Alias:** MANB1

**Gene Summary:** This gene encodes a member of the glycosyl hydrolase 2 family. The encoded protein localizes to the lysosome where it is the final exoglycosidase in the pathway for N-linked glycoprotein oligosaccharide catabolism. Mutations in this gene are associated with beta-mannosidosis, a lysosomal storage disease that has a wide spectrum of neurological involvement. [provided by RefSeq]