



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### EXT1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002131-P01

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

**Product Description:** Human EXT1 full-length ORF ( NP\_000118.2, 1 a.a. - 746 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MQAKKRYFILLSAGSCLALLFYFGGLQFRASRSHSRRE  
EHSGRNLHHPSPDHFWRPFDPALRPFVPWDQLENE  
DSSVHISPRQKR DANSSYKGGKCRMESECFDFTLCKK  
NGFKVYVYPQQKGEKIAESYQNILAAIEGSRFYTS DPS  
QACLFVLSLDTLDRDQLSPQYVHNLRSKVQSLHLWNN  
GRNHLIFNLYSGTWPDYTEDVGFDIGQAMLAKASISTE  
NFRPNFDVSIPLFSKDHPRGTGGERGFLKFN TIPPLRKY  
MLVFKGKRYLTGIGSDTRNLYHVHNGEDVLLTTCK  
HGKDWQKHKDSRCDRDNTEYEKYDYREMLHNATFCL  
VPRGRRLGSFRFLEALQAACVPVMLSNGWELPFSEVI  
NWNQAAVIGDERLLLQIPSTIRSIHQDKILALRQQTQFL  
WEAYFSSVEKIVLTTLEIIQDRIFKHISRNSLIWNKHPPG  
LFVLPQYSSYLGDFFPYYYANLGLKPPSKFTAVIHAVTPL  
VSQSQPVLKLLVAAAKSQYCAQIIVLWNC DKPLPAKHR  
WPATAVPVVIEGESKVMSSRFLPYDNIITDAVLSLDE  
DTVLSTTEVDFAFTVWQSFPERIVGYPARSHFWDNSK  
ERWGYTSKWTNDYSMVLTGAAIYHKYHYLYSHYLP  
SLKNMVDQLANCEDILMNFLVSAVTKLPPIKVTQKKQY  
KETMMGQTSRASRWADPDHFAQRQSCMNTFASWFG  
YMPLIHSQMRLDPVLFKDQVSILRKKYRDIERL

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

**Theoretical MW (kDa):** 112.7

**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:** 2131

**Gene Symbol:** EXT1

**Gene Alias:** EXT, LGCR, LGS, TRPS2, ttv

**Gene Summary:** This gene encodes an endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq]