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Lieferung & Zahlungsart

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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

BYSL (Human) Recombinant Protein (P01)

Catalog Number: H00000705-P01

Regulation Status: For research use only (RUO)

Product Description: Human BYSL full-length ORF (AAH07340, 1 a.a. - 324 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTAAGHHAEEVVDPEDERAIEFMNKNPPARRTLADII
MEKLTEKQTEVETVMSEVSGFPMPQLDPRVLEVYRG
VREVLKYSRSGKLPKAFKIIPALSNWDQILYVTEPEAW
TAAAMYQATRIFASNLKERMAQRFYNLVLLPRVRDDV
AEYKRLNFHLYMALKKALFKPGAWFKGILIPLCESGTC
TLREAIIVGSIITKCSIPVLHSSAAMLKIAEMEYSGANSIF
LRLLLDKKYALPYRVLDAVLFHFLGFRTEKRELPVLWH
QCLLTLVQRYKADLATDQKEALLELLRLQPHPQLSPEI
RRELQSAVPRDVEDVPITVE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.38

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: 705

Gene Symbol: BYSL

Gene Alias: BYSTIN

Gene Summary: Bystin is expressed as a 2-kb major transcript and a 3.6-kb minor transcript in SNG-M cells and in human trophoblastic teratocarcinoma HT-H cells. Protein binding assays determined that bystin binds directly to trophinin and tastin, and that binding is enhanced when cytokeratins 8 and 18 are present. Immunocytochemistry of HT-H cells showed that bystin colocalizes with trophinin, tastin, and the cytokeratins, suggesting that these molecules form a complex in trophoblast cells at the time of implantation. Using immunohistochemistry it was determined that trophinin and bystin are found in the placenta from the sixth week of pregnancy. Both proteins were localized in the cytoplasm of the syncytiotrophoblast in the chorionic villi and in endometrial decidual cells at the uteroplacental interface. After week 10, the levels of trophinin, tastin, and bystin decreased and then disappeared from placental villi. [provided by RefSeq]