



# SZABO SCANDIC

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## 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

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## Datasheet

### BBS1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000582-P01

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

**Product Description:** Human BBS1 full-length ORF (AAH47642.1, 1 a.a. - 463 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSPGPQLWHELLQALVSMCIRISDPTSSSAYPNCLQILW  
NKFTGTRPKRETAEEPLSIQSLRFLQLESEMEAFVNQ  
HKSNSIKRQTVITTMTLKKNLADEDAVSCLVLGTENK  
ELLVLDPEAFTILAKMSLPSVPVFLEVSGQFDVEFRLAA  
ACRNGNIYLRRDSKHPKYCIELSAQPVGLIRVHKVLV  
GSTQDSLHGFTHKGKLLWTVQMPAAILTMNLLEQHSR  
GLQAVMAGLANGEVRIYRDKALLNVIHTPDAVTSFCG  
RYGREDNTLIMTTRGGGLIILKRTAMFVEGGSEVGP  
PPAQAMKLNVPKRTRLYVDQTLREREAGTAMHRAFO  
TDLYLLRLRAARAYLQALESSLSPLSTTAREPLKLHAVV  
QGLGPTFKLTLHLQNTSTTRPVLGLLVCFLYNEALYSL  
PRAFFKVPLLPGLNYPLETFVESLSNKGISDIKVG  
PALVPRGR

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

**Theoretical MW (kDa):** 77.8

**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:** 582

**Gene Symbol:** BBS1

**Gene Alias:** BBS2L2, FLJ23590, MGC126183, MGC126184, MGC51114

**Gene Summary:** Mutations in this gene have been observed in patients with the major form (type 1) of Bardet-Biedl syndrome. The encoded protein may play a role in eye, limb, cardiac and reproductive system development. [provided by RefSeq]

**References:**

1. DISC1-dependent switch from progenitor proliferation to migration in the developing cortex. Ishizuka K, Kamiya A, Oh EC, Kanki H, Seshadri S, Robinson JF, Murdoch H, Dunlop AJ, Kubo KI, Furukori K, Huang B, Zeledon M, Hayashi-Takagi A, Okano H, Nakajima K, Houslay MD, Katsanis N, Sawa A. Nature. 2011 Apr 6. [Epub ahead of print]