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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

www.szabo-scandic.com

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

Datasheet

BBS4 (Human) Recombinant Protein (P01)

Catalog Number: H00000585-P01

Regulation Status: For research use only (RUO)

Product Description: Human BBS4 full-length ORF (AAH27624, 1 a.a. - 519 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAEERVATRRTQFPVSTESQKPRQKKAPEFPILEKQNW
LIHLHYIRKDYEACKAVIKEQLQETQGLCEYAIYVQALIF
RLEGNIQESLELFQTCAVLSPQSADNLKQVARSLFLLG
KHKAAIEVYNEAAKLNQKDWEISHNLGVCYIYLKQFNK
AQDQLHNALNLRHDLTYIMLGKIHLEGLDLDKAIEVYK
KAVEFSPENTELLTTLGLLYLQLGIYQKAFEHLGNALTY
DPTNYKAILAAGSMMQTHGDFDVALTKYRVVACAVPE
SPPLWNNIGMCFFGKKKYVAAISCLKRANYLAPFDWKI
LYNLGLVHLTMQQYASAFHFLSAAINFQPKMGELYMLL
AVALTNLEDTENAKRAYAEAVHLDKCNPLVNLNYAVLL
YNQGEKKNALVQYQEMERKVSLLDNSSLFDSEMV
EMAQKLGAAALQVGEALVWTKPVKDPKSKHQTTSTSK
PASFQQPLGSNQALGQAMSSAAAYRTLPSGAGGTSQ
FTKPPSLPLEPEPAVESSPTETSEQIREK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 82.83

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: 585

Gene Symbol: BBS4

Gene Alias: -

Gene Summary: This gene is a member of the Bardet-Biedl syndrome (BBS) gene family. Bardet-Biedl syndrome is an autosomal recessive disorder characterized by severe pigmentary retinopathy, obesity, polydactyly, renal malformation and mental retardation. The proteins encoded by BBS gene family members are structurally diverse. The similar phenotypes exhibited by mutations in BBS gene family members are likely due to the protein's shared roles in cilia formation and function. Many BBS proteins localize to the basal bodies, ciliary axonemes, and pericentriolar regions of cells. BBS proteins may also be involved in intracellular trafficking via microtubule-related transport. The protein encoded by this gene has sequence similarity to O-linked N-acetylglucosamine (O-GlcNAc) transferases in plants and archaeobacteria and in human forms a multi-protein "BBSome" complex with six other BBS proteins. Alternative splice variants have been described but their predicted protein products have not been experimentally verified]