

## Recombinant Full Length Human BBS1 Protein, Tag Free

**Cat. No.** BBS1-02HFL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human BBS1 Protein (1-593 aa) without tag was expressed in E. coli.                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-593 aa                                                                                                                                                                                                                                        |
| <b>Description</b>      | 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.                                     |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Tag</b>              | Non                                                                                                                                                                                                                                             |
| <b>Molecular Weight</b> | 65 kDa                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | AAASSSDSDACGAESNEANSKWLD AHYDPMANIHTFSACLALADLHGDGEYKLVVG<br>DLGPGGQQPRLKVLKGPLVMTESPLPALPAAAATFLMEQHEPRTPALALASGPCVY<br>VYKNLRPYFKFSLPQLPPNPLEQDLWNQAKEDRIDPLTLKEMLESIRETAEELSIQS<br>LRFLQLELSEMEAFVNQHKSNSIKRQTVITMTTLKKNLADEDAVSCLVLGTENKELL |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

VLDPEAFTILAKMSLPSVPVFLEVSGQFDVEFRLAAACRNGNIYLRRDSKHPKYCIEL  
 SAQPVGLIRVHKVLVVGSTQDSLHGFTHKGKKLWTVQMPAAILTMNLLEQHSGRLQ  
 AVMAGLANGEVRIYRDKALLNVIHTPDVTSLCFGRYGREDNTLIMTTRGGGLIILK  
 RTAVFVEGGSEVGPQAMKLNVPKTRLYVDQTLREREAGTAMHRAFQTDLYLL  
 RLRAARAYLQALESSLPLSTTAREPLKLHAVVQGLGPTFKLTLHLQNTSTTRPVLGL  
 LVCFLYNEALYSLPRAFFKVPLLVPGLNYPLETFVESLSNKGISDIKVLVLRREGQSAP  
 LLSAHVNMPGSEGLAAA

**Purity** > 90% by SDS-PAGE

**Storage** Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Sterile PBS, pH7.4

**Concentration** 0.26 mg/mL by BCA

## GENE INFORMATION

**Gene Name** [BBS1 Bardet-Biedl syndrome 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [BBS1](#)

**Synonyms** BBS1; Bardet-Biedl syndrome 1; Bardet-Biedl syndrome 1 protein; FLJ23590; BBS2-like protein 2; BBS2L2; MGC51114; MGC126183; MGC126184

**Gene ID** [582](#)

**mRNA Refseq** [NM\\_024649](#)

**Protein Refseq** [NP\\_078925](#)

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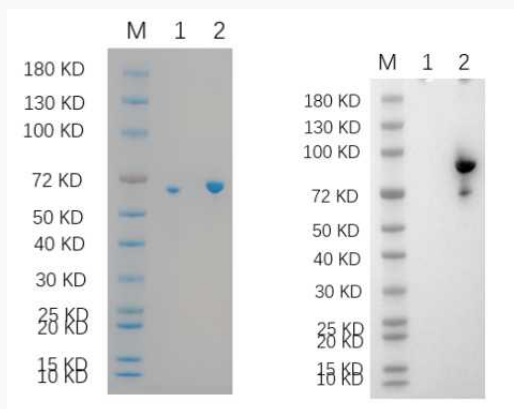
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MIM 209901

UniProt ID Q8NFJ9

Reducing 4%-20%  
SDS-PAGE (CBB  
stained) and WB  
(Anti-His Mouse  
Monoclonal  
antibody) analysis  
profiles of purified  
BBS1.



1. BBS1: 1 µg

2. BSA: 1 µg

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