

## Recombinant Human BBS1 Protein

Cat. No. BBS1-104H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human BBS1 full-length ORF ( AAH47642.1, 1 a.a. - 463 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1-463 a.a.
<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>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	77.8 kDa
<b>AA Sequence</b>	MSPGPQLWHLLQALVSMCIRISDPTSSSAYPNCLQILWNKTFGTRPKRETAEELPSI QSLRFLQLELSEMEAFVNQHKSNSIKRQTVITTTMTLKKNLADEDVAVSCLVLGTHENKE LLVLDPEAFTILAKMSLPSVPVFLEVSGQFDVEFRLAAACRNGNIYILRRDSKHPKYCI ELSAQPVGLIRVHKVLVVGSTQDSLHGFTHKGKKLWTVQMPAAILTMNLEQHSRGL QAVMAGLANGEVRIYRDKALLNVIHTPDAVTSLCFGRYGREDNLTIMTTRGGGLIIKIL KRTAMFVEGGSEVGPAPAQAMKLNVPKTRLYVDQTLREREAGTAMHRAFQTDLY LLRLRAARAYLQALESSLSPSTTAREPLKLHAVVQGLGPTFKLTLHLQNTSTTRPVL GLLVCFLYNEALYSLPRAFFKVPLLVPGLNYPLETFVESLSNKGISDIIKVGPAALVPRG

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

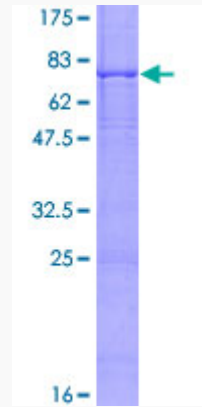
## GENE INFORMATION

<b>Gene Name</b>	BBS1 Bardet-Biedl syndrome 1 [ Homo sapiens ]
<b>Official Symbol</b>	BBS1
<b>Synonyms</b>	BBS1; Bardet-Biedl syndrome 1; Bardet-Biedl syndrome 1 protein; FLJ23590; BBS2-like protein 2; BBS2L2; MGC51114; MGC126183; MGC126184;
<b>Gene ID</b>	582
<b>mRNA Refseq</b>	NM_024649
<b>Protein Refseq</b>	NP_078925
<b>MIM</b>	209901
<b>UniProt ID</b>	Q8NFJ9

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