

Recombinant Full Length Human BBS1 Protein

Cat. No. BBS1-1583HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BBS1 full-length ORF (AAH47642.1, 1 a.a. - 463 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1-593 a.a.
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	77.8 kDa
AA Sequence	MSPGPQLWHL LQALVSMCIR ISDPTSSSAY PNCLQILWNK TFGTRPKRET AEEPLSIQSL RFLQLELSEM EAFVNQHKS N SIKRQTVITT MTTLKKNLAD EDAVSCLVLG TENKELLVLD PEAFTILAKM SLPSVPVFLE VSGQFDVEFR LAAACRNGNI YILRRDSKHP KYCIELSAQP VGLIRVHKVL VVGSTQDSLH GFTHKGKKLW TVQMPAAILT MNLLEQHSRG LQAVMAGLAN GEVRIYRDKA LLNVIHTPDA VTSLCFGRYG REDNTLIMTT RGGGLIKIL KRTAMFVEGG SEVGPPPAQA MKLNVPRKTR LYVDQTLRER EAGTAMHRAF QTDLYLLRLR AARAYLQALE SSSLPLSTTA REPLKLHAVV QQLGPTFKLT LHLQNTSTTR

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PVLGLLVCFL YNEALYSLPR AFFKVPLLVP GLNYPLETFV ESLSNKGISD
IIKVGPALVP RGR

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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](#)

MIM [209901](#)

UniProt ID [Q8NFJ9](#)

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