

Recombinant Full Length Human BBS7 Protein, GST-tagged

Cat. No. BBS7-1591HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BBS7 full-length ORF (NP_789794.1, 1 a.a. - 715 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	715 amino acids
Description	Mutations in this gene have been observed in patients with Bardet-Biedl syndrome type 7. The encoded protein may play a role in eye, limb, cardiac and reproductive system development. Two transcript variants encoding distinct isoforms have been identified for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	106.8 kDa
AA Sequence	MDLILNRMDY LQVGVT SQKT MKLIPASRHR ATQKVIGDH DGVVMCFGMK KGEAAAVFKT LPGPKIARLE LGGVINTPQE KIFIAAASEI RGFTKR GKQF LSFETNLTES IKAMHISGSD LFLSASYIYN HYCDCKDQHY YLSGDKINDV ICLPVERLSR ITPVLACQDR VLRVLQGS DV MYAVEVPGPP TVLALHNGNG GDSGEDLLFG TSDGKLALI Q ITTSKPVRKW EIQNEKKRGG ILCIDSFDIV GDGVKDLLVG RDDGMVEVYS FDNANEPVLR FDQMLSESVT SIQGGCVGKD SYDEIVVSTY SGWVTGLTTE PIHKESGPGE ELKINQEMQN KISSLRNELE

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HLQYKVLQER ENYQQSSQSS KAKSAVPSFG INDKFTLNKD DASYSLILEV
 QTAIDNVLIQ SDVPIDLLDV DKNSAVVSFS SCDSESNDNF LLATYRCQAD
 TTRLELKIRS IEGQYGTLQA YVTPRIQPKT CQVRQYHIKP LSLHQRTTHFI
 DHDRPMNTLT LTGQFSFAEV HSWVVFCLPE VPEKPPAGEC VTFYFQNTFL
 DTQLESTYRK GEGVFKSDNI STISILKDV L SKEATKRKIN LNISYEINEV
 SVKHTLKLII PKLEYQLLLA KKVQLIDALK ELQIHEGNTN FLIPEYHCIL
 EEADHLQEEY KKQPAHLERL YGMITDLFID KFKFKGTNVK TKVPLLEIL
 DSYDQNALIS FFDA

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 BBS7 Bardet-Biedl syndrome 7 [Homo sapiens]

Official Symbol BBS7

Synonyms BBS7; Bardet-Biedl syndrome 7; Bardet-Biedl syndrome 7 protein; BBS2L1; FLJ10715; BBS2-like 1; BBS2-like protein 1

Gene ID 55212

mRNA Refseq NM_018190

Protein Refseq NP_060660

MIM 607590

UniProt ID Q8IWZ6

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