

Recombinant Full Length Human BBS7 Protein, GST-tagged

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

SPECIFICATION

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| 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 LQVGVTSQKT MKLIPASRHR ATQKVIGDH DGVVMCFGMK KGEAAAVFKT LPGPKIARLE LGGVINTPQE KIFIAAASEI RGFTKRGKQF LSFETNLTES IKAMHISGSD LFLSASYIYN HYCDCKDQHY YLSGDKINDV ICLPVERLSR ITPVLACQDR VLRVLQGS DV MYAVEVPGPP TVLALHNGNG GDSGEDLLFG TSDGKLALIQTTSKPVRKW 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
SVKHTLKLIIH 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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