

Recombinant Human BBS7 Protein, GST-tagged

Cat. No. BBS7-110H **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	Wheat Germ
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	MDLILNRMDYLQVGVTSQKTMKLIPASRHRATQKVIGDHDGVVMCFGMKKGEEAA VFKTLPGPKIARLELGGVINTPQEKIFIAAASEIRGFTKRGKQFLSFETNLTESIKAMHI SGSDLFLSASYIYNHYCDCKDQHYYLSGDKINDVICLPVERLSRITPVLCQDRVLRV LQGS DVMYAVEVPGPPTVLALHNGNGGDSGEDLLFGTSDGKLALIQITTSKPVRKW EIQNEKKRGGILCIDSFDIVGDGVKDLLVGRDDGMVEVYSFDNANEPVLRFDQMLSE SVTSIQGGCVGKDSYDEIVVSTYSGWVTGLTTEPIHKESGPGHEELKINQEMQNKISSL RNELEHLQYKVLQERENYQQSSQSSKAKSAVPSFGINDKFTLNKDDASYSLILEVQT AIDNVLIQSDVPIDLLDVKNSAVVSFSSCDSESNDNFLLATYRCQADTTRLELKIRSI EGQYGTLLQAYVTPRIQPKTCQVRQYHIKPLSLHQRTHFIDHDPMTNTLTGTGQFSFA

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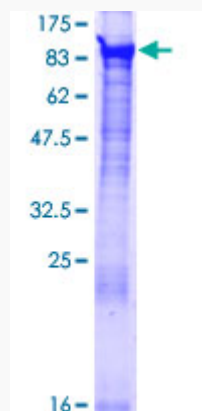
 45-1 Ramsey Road, Shirley, NY 11967, USA

EVHSWVVFCLPEVPEKPPAGECVTFYFQNTFLDTQLESTYRKGEVFKSDNISTISIL
KDVLSKEATKRKINLNISYEINEVSVKHTLKLHPKLEYQLLLAKKVQLIDALKELQIHEG
NTNFLIPEYHCILEEADHLQEEYKKQPAHLERLYGMITDLFIDKFKFKGTNVKTKVPLL
LEILDSYDQNALISFFDAA

Notes	Best use within three months from the date of receipt of this protein.
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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