

Recombinant Full Length Human BBS5 Protein, GST-tagged

Cat. No. BBS5-1589HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BBS5 full-length ORF (NP_689597.1, 1 a.a. - 341 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	341 amino acids
Description	This gene encodes a protein that has been directly linked to Bardet-Biedl syndrome. The primary features of this syndrome include retinal dystrophy, obesity, polydactyly, renal abnormalities and learning disabilities. Experimentation in non-human eukaryotes suggests that this gene is expressed in ciliated cells and that it is required for the formation of cilia. Alternate transcriptional splice variants have been observed but have not been fully characterized.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	65.2 kDa
AA Sequence	MSVLDALWED RDVRFDLAQ QMKTRPGEVL IDCLDSIEDT KGNNGDRGRL LVTNLRILWH SLALSRVNVV VGYNCILNIT TRTANSKLRG QTEALYILTK CNSTRFEFIF TNLVPGSPRL FTSVMAVHRA YETSKMYRDF KLRSALIQNK QLRLLPQEHV YDKINGVWNL SSDQGNLGTF FITNVRIVWH ANMNSDFNVV IPYLQIRSIK IRDSKFGLAL VIESSQQSGG YVLGFKIDPV EKLQESVKEI

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NSLHKVYSAS PIFGVYEME EKPQPLEALT VEQIQDDVEI DSDGHTDAFV
AYFADGNKQQ DREPVFSEEL GLAIEKCLKDG FTLQGLWEVM S

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 BBS5 Bardet-Biedl syndrome 5 [Homo sapiens]

Official Symbol BBS5

Synonyms BBS5; Bardet-Biedl syndrome 5; Bardet-Biedl syndrome 5 protein; DKFZp762I194

Gene ID 129880

mRNA Refseq NM_152384

Protein Refseq NP_689597

MIM 603650

UniProt ID Q8N317

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