

Recombinant Full Length Human BBS12 Protein, GST-tagged

Cat. No. BBS12-1584HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BBS12 full-length ORF (NP_689831.2, 1 a.a. - 710 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	710 amino acids
Description	The protein encoded by this gene is part of a complex that is involved in membrane trafficking. The encoded protein is a molecular chaperone that aids in protein folding upon ATP hydrolysis. This protein also plays a role in adipocyte differentiation. Defects in this gene are a cause of Bardet-Biedl syndrome type 12. Two transcript variants encoding the same protein have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	105.5 kDa
AA Sequence	MVMACRVVNK RRHMGLQQLS SFAETGRFTL GPLKSSKFII DEECHESVLI SSTVRLLES L DLTSVAGQLL NEAVQAQNNT YRTGISTLLF LVGAWSSAVE ECLHLGVPIS IIVSVMSEGL NFCSEEVVSL HVPVHNIFDC MDSTKTFSQL ETFSVSLCPF LQVPSDTDLI EELHGLKDVA SQTLTISNLS GRPLKSYELF KPQTKVEADN NTSRTLKNSL LADTCCRQSI LIHSRHFNRD DNTEGVSKPD GFQEHVTATH KTYRCNDLVE LAVGLSHGDH SSMKLVVEAV QLQYQNACVQ

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QGNCTKPFMF DISRIFTCCL PGLPETSSCV CPGYITVSV SNNPVIKELQ
 NQPVRIVLIE GDLTENYRHL GFNKSANIKT VLDSMRLQED SSEELWANHV
 LQVLIQFKVN LVLVQGNVSE RLIEKCINSK RLVIGSVNGS VMQAFAEAAG
 AVQVAYITQV NEDCVGDGVC VTFWRSSPLD VVDRNNRIAI LLKTEGINLV
 TAVLTNPVTA QMQIKEDRFW TCAYRLYYAL KEEKVFLGGG AVEFLCLSCL
 HILAEQSLKK ENHACSGWLH NTSSWLASSL AIYRPTVLKF LANGWQKYLS
 TLLYNTANYS SEFEASTYIQ HHLQNATDSG SPSSYILNEY SKLNSRIFNS
 DISNKLEQIP RVYDVVTPKI EAWRRALDLV LLVLQTDSEI ITGHGHTQIN
 SQELTGFLFL

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 BBS12 Bardet-Biedl syndrome 12 [Homo sapiens]

Official Symbol BBS12

Synonyms BBS12; Bardet-Biedl syndrome 12; C4orf24, chromosome 4 open reading frame 24; Bardet-Biedl syndrome 12 protein; FLJ35630; FLJ41559; C4orf24

Gene ID 166379

mRNA Refseq NM_001178007

Protein Refseq NP_001171478

MIM 610683

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UniProt ID

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