Bardet-Biedl Syndrome 12 Protein Homolog (BBS12) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Bardet-Biedl syndrome 12 protein homolog (BBS12), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Bardet-Biedl syndrome 12 protein homolog (BBS12), partial
Product Gene Name	BBS12 recombinant protein
Product Synonym Gene Name	BBS12
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	79,045 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5RC62
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BBS12 recombinant protein	MBS1279162 is a recombinant protein targeting BBS12. Also known as Recombinant Pongo abelii Bardet-Biedl syndrome 12 protein homolog (BBS12), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BBS12 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BBS12. It may not necessarily be applicable to this product.

NCBI GI #	158563919
NCBI Accession #	Q5RC62.2
UniProt Primary Accession #	Q5RC62
UniProt Secondary Accession #	Q5R4T6
NCBI Official Full Name	Bardet-Biedl syndrome 12 protein homolog
UniProt Protein Name	Bardet-Biedl syndrome 12 protein homolog
Protein Family	Bardet-Biedl syndrome 12 protein
UniProt Gene Name	BBS12

UniProt Comments for BBS12	Probable molecular chaperone. Assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Involved in adipogenic differentiation ().
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