



Recombinant Human Bardet-Biedl syndrome 7 protein (BBS7)

Product Code	CSB-MP814219HU
Abbreviation	BBS7
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8IWZ6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDLILNRMDY LQVGVT SQKT MKLIPASRRH ATQKVVIGDH DGVVMCFGMK KGEAAVFKT LPGPKIARLE LGGVINTPQE KIFIAAASEI RGFTKRGKQF LSFETNLTES IKAMHISGSD LFLSASYIYN HYCDCKDQHY YLSGDKINDV ICLPVERLSR ITPVLACQDR VLRVLQGS DV MYAVEVPGPP TVLALHNGNG GDSGEDLLFG TSDGKLALI Q ITTSKPV RKW EI QNEKKRGG ILCIDSFDIV GDGVKDLLVG RDDGMVEVYS FDNANEPVLR FDQMLSESVT SIQGGCVGKD SYDEIVVSTY SGWVTGLTTE PIHKESGPG E ELKINQEMQN KISSLRNELE HLQYKVLQER ENYQQSSQSS KAKSAVPSFG INDKFTLNKD DASYSLILEV QTAIDNVLIQ SDVPIDLLDV DKNSAVVSFS SCDSESNDNF LLATYRCQAD TTRLELKIRS IEGQYGTLQA YVTPRIQPKT CQVRQYHIKP LSLHQRTHFI DHDRPMNTLT LTGQFSFAEV HSWVVFCLPE VPEKPPAGEC VTFYFQNTFL DTQLESTYRK GEGVFKSDNI STISILKDV L SKEATKRKIN LNISYEINEV SVKHTLKL I H PKLEYQLLLA KKVQLIDALK ELQIHEGNTN FLIPEYHCIL EEADHLQEEY KKQPAHLERL YGMITDLFID KFKFKGTNVK TKVPLLEIL DSYDQNALIS FFDA A
Source	Mammalian cell
Target Names	BBS7
Protein Names	Recommended name: Bardet-Biedl syndrome 7 protein Alternative name(s): BBS2-like protein 1
Expression Region	1-715
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.