



# Recombinant Human Bardet-Biedl syndrome 5 protein (BBS5)

<b>Product Code</b>	CSB-EP847625HU-B
<b>Abbreviation</b>	BBS5
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8N3I7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSVLDALWED RDVRFDLAQ QMKTRPGEVL IDCLDSIEDT KGNNGDRGRL LVTNLRILWH SLALSRVNVV VGYNCILNIT TRTANSKLRG QTEALYILTK CNSTRFEFIF TNLVPGSPRL FTSVMAVHRA YETSKMYRDF KLRSALIQNK QLRLLPQEHV YDKINGVWNL SSDQGNLGTFFITNVRIVWH ANMNDSFNVS IPYLQIRSIK IRDSKFGAL VISSQQSGG YVLGFKIDPV EKLQESVKEI NSLHKVYSAS PIFGVYEME EKPQPLEALT VEQIQDDVEI DSDGHTDAFV AYFADGNKQQ DREPVFSEEL GLAIEKLDG FTLQGLWEVM S
<b>Source</b>	E.coli
<b>Target Names</b>	BBS5
<b>Protein Names</b>	Recommended name: Bardet-Biedl syndrome 5 protein
<b>Expression Region</b>	1-341
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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**Shelf Life**

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