



# Recombinant Human BMP-binding endothelial regulator protein (BMPER)

<b>Product Code</b>	CSB-EP839829HU
<b>Abbreviation</b>	BMPER
<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>	Q8N8U9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	S SFLTGSVAKC ENEGEVLQIP FITDNPCIMC VCLNKEVTCK REKCPVLSRD CALAIKQRGA CCEQCKGCTY EGNTYNSSFK WQSPAEPCLV RQCQEGVVTE SGVRCVVHCK NPLEHLGMCC PTCPGCVFEG VQYQEGEEFQ PEGSKCTKCS CTGGRTQCVR EVCPILSCPQ HLSHIPPGQC CPKCLGQRKV FDLPFGSCLF RSDVYDNGSS FLYDNCTACT CRDSTVVCKR KCSHPGGCDQ GQEGCCEECL LRVPPEDIKV CKFGNKIFQD GEMWSSINCT ICACVKGRTE CRNKQCIPIS SCPQGKILNR KGCCPICTEK PGVCTVFGDP HYNTFDGRTE NFQGTCQYVL TKDCSSPASP FQVLVKNDAR RTRSFWSWTKS VELVLGESRV SLQQHLTVRW NGSRIALPCR APHFHIDL DG YLLKVTTKAG LEISWDGDSF VEVMAAPHLK GKLCGLCGNY NGHKRDDLIG GDGNFKFDVD DFAESWRVES NEFCNRPQRK PVPELCQGTV KVKLRAHREC QKLKSWEFQT CHSTVDYATF YRSCVTDMCE CPVHKNCYCE SFLAYTRACQ REGIKVHWEP QQNCAATQCK HGAUYDTCGP GCIKTCDNWN EIGPCNKPCV AGCHCPANLV LHKGRCIKPV LCPQR
<b>Source</b>	E.coli
<b>Target Names</b>	BMPER
<b>Protein Names</b>	Recommended name: BMP-binding endothelial regulator protein Alternative name(s): Bone morphogenetic protein-binding endothelial cell precursor-derived regulator Protein crossveinless-2 Short name= hCV2
<b>Expression Region</b>	40-685
<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 of Mature Protein
<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.

---

### 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.