



Recombinant Human Bone morphogenetic protein 10 (BMP10)

Product Code	CSB-MP002734HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95393
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	NAKG NYCKRTPLYI DFKEIGWDSW IIAPPGYEAY ECRGVCNYPL AEHLTPTKHA IIQALVHLKN SQKASKACCV PTKLEPISIL YLDKGVVTYK FKYEGMAVSE CGCR
Source	Mammalian cell
Target Names	BMP10
Protein Names	Recommended name: Bone morphogenetic protein 10 Short name= BMP-10
Expression Region	317-424
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 of Mature Protein
Target Details	This protein is a member of the TGF-beta family of growth factors. Data suggest that the similar protein in mouse plays an important role in trabeculation of the embryonic heart. In human, this protein may signal through receptor serine/threonine kinases.
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.