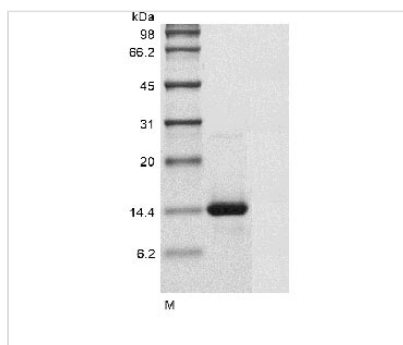




Recombinant Human Platelet-derived Growth Factor-BB (PDGFB), partial (Active) (GMP)

Product Code	CSB-AP005941HU
Uniprot No.	P01127
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m filtered solution of 20mM NaAc-HAc, pH 4.5.
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 15-60ng/ml.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Sequence	M+SLGSLTIAEPAMIAECKTRTEVFEISRRLIDRTNANFLVWPPCVEVQRCSCGC CNNRNVCQRPTQVQLRPVQVRKIEIVRKKPIFKKATVTLEDHLACKCETVAAAR PV
Research Area	Cancer
Source	E.Coli
Target Names	PDGFB
Expression Region	82-190aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	12.4kDa
Protein Length	Partial
PubMed ID	6740330; 4033772; 2991848; 3472769; 3517869; 15461802; 10591208; 15489334; 7659502; 8988177; 6327048; 3456904; 6306471; 6844921; 6329745; 1661670; 1317862; 11331882; 12660034; 26599395; 18483217; 1396586; 20534510; 23913003

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Endotoxin

Less than 0.01 EU/ μ g of rHuPDGF-BB GMP as determined by LAL method.

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.