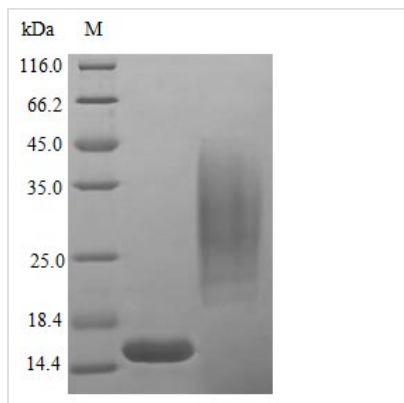




Recombinant Human Platelet-derived growth factor subunit B protein (PDGFB) (Active)

Product Code	CSB-AP002631HU
Uniprot No.	P01127
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 3 ng/ml, corresponding to a specific activity of $>3.3 \times 10^5$ IU/mg.
Purity	$\geq 97\%$ as determined by SDS-PAGE and HPLC.
Sequence	M+SLGSLTIAE PAMIAECKTR TEVFEISRRL IDRTNANFLV WPPCVEVQRC SGCCNNRNQV CRPTQVQLRP VQVRKIEIVR KKPIFKKATV TLEDHLACKC ETVAAARPVT
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	12.4 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	6740330; 4033772; 2991848; 3472769; 3517869; 15461802; 10591208; 15489334; 7659502; 8988177; 6327048; 3456904; 6306471; 6844921; 6329745; 1661670; 1317862; 11331882; 12660034; 18483217; 1396586; 20534510; 23913003

Image

**Endotoxin**

Less than 1.0 EU/μg 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.