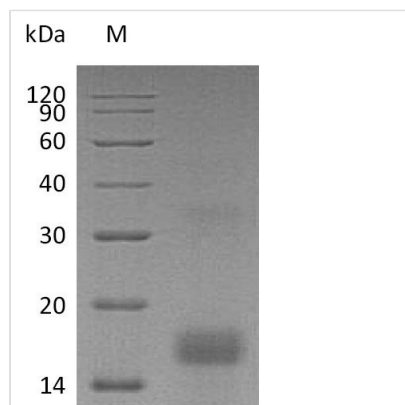




# Recombinant Human Platelet-derived growth factor subunit A (PDGFA) (Active)

|                            |                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-AP003921HU                                                                                                                       |
| <b>Uniprot No.</b>         | P04085                                                                                                                               |
| <b>Form</b>                | Lyophilized powder                                                                                                                   |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 $\mu$ m filtered solution of 4mM HCL                                                                          |
| <b>Product Type</b>        | Growth Factor                                                                                                                        |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                                                 |
| <b>Biological Activity</b> | The ED50 as determined in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells is less than 300 ng/ml.         |
| <b>Purity</b>              | $\geq$ 90% as determined by SDS-PAGE.                                                                                                |
| <b>Sequence</b>            | SIEEAVPAVCKTRTVIYEIPRSQVDPTSANFLIWPPCVEVKRCTGCCNTSSVKC<br>QPSRVHHRSVKVAKVEYVRKKPKLKEVQVRLEEHLACACATTSLNPDYREED<br>TGRPRESGKKRKRRLKPT |
| <b>Research Area</b>       | Cancer                                                                                                                               |
| <b>Source</b>              | E.coli                                                                                                                               |
| <b>Target Names</b>        | PDGFA                                                                                                                                |
| <b>Expression Region</b>   | 87-211aa                                                                                                                             |
| <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>            | N-terminal 6xHis-tagged                                                                                                              |
| <b>Mol. Weight</b>         | 15.9 kDa                                                                                                                             |
| <b>Protein Length</b>      | Full Length of Mature Protein                                                                                                        |

## Image



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

|                       |                                                                                  |
|-----------------------|----------------------------------------------------------------------------------|
| <b>Endotoxin</b>      | Less than 1.0 EU/ $\mu$ g as determined by LAL method.                           |
| <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**

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.