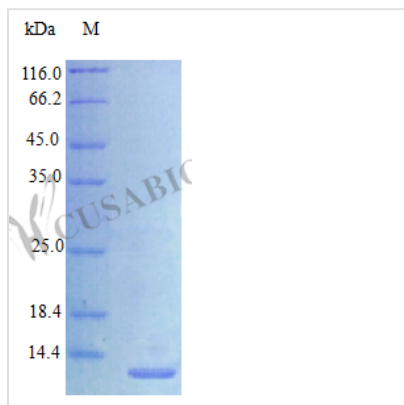




# Recombinant Human Proheparin-binding EGF-like growth factor [Cleaved into: Heparin-binding EGF-like growth factor protein(HBEGF) (Active)]

|                            |                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-AP002651HU                                                                                                                                                                                                                  |
| <b>Uniprot No.</b>         | Q99075                                                                                                                                                                                                                          |
| <b>Storage Buffer</b>      | 0.2 $\mu$ m filtered 20 mM PB, pH 7.4, 130 mM NaCl ,lyophilized                                                                                                                                                                 |
| <b>Product Type</b>        | Growth Factor                                                                                                                                                                                                                   |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                            |
| <b>Biological Activity</b> | 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 1 ng/ml, corresponding to a specific activity of $>1.0 \times 10^6$ IU/mg. |
| <b>Purity</b>              | $>97\%$ as determined by SDS-PAGE and HPLC.                                                                                                                                                                                     |
| <b>Sequence</b>            | DLQEADLDLL RVTLSKPQA LATPNKEEHG KRKKKGKGLG KKRDPCLRKY<br>KDFCIHGECK YVKELRAPSC ICHPGYHGER CHGLSL                                                                                                                                |
| <b>Lead Time</b>           | 5-10 business days                                                                                                                                                                                                              |
| <b>Research Area</b>       | Cancer                                                                                                                                                                                                                          |
| <b>Source</b>              | E.coli                                                                                                                                                                                                                          |
| <b>Gene Names</b>          | HBEGF                                                                                                                                                                                                                           |
| <b>Expression Region</b>   | 63-148aa                                                                                                                                                                                                                        |
| <b>Tag Info</b>            | Tag-Free                                                                                                                                                                                                                        |
| <b>Mol. Weight</b>         | 9.7 kDa                                                                                                                                                                                                                         |
| <b>Protein Description</b> | Full Length of Mature Protein                                                                                                                                                                                                   |
| <b>PubMed ID</b>           | 1840698; 14702039; 15372022; 15489334; 1556128; 7836353; 9135143;<br>16508205; 22171320; 23234360; 9659904                                                                                                                      |

## Image



**Typical**

Less than 1.0 EU/ $\mu$ g as determined by LAL method.