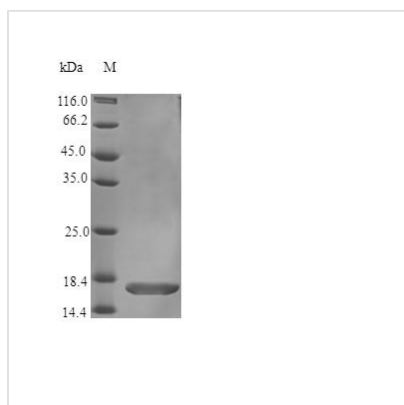




Recombinant Human Fibroblast growth factor 1 protein (FGF1) (Active)

Product Code	CSB-AP002381HU
Abbreviation	Recombinant Human FGF1 protein (Active)
Uniprot No.	P05230
Storage Buffer	0.2 μm filtered PBS, pH 7.4, with 2 mM EDTA, 0.5 mM DTT, 5 % Trehalose, lyophilized
Product Type	Growth Factors
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 0.5 ng/ml, corresponding to a specific activity of >2.0x10 ⁶ IU/mg in the presence of 10 μg/ml of heparin.
Purity	>97% as determined by SDS-PAGE.
Sequence	AEGEITTTFT ALTEKFNLP GNYKKPKLLY CSNGGHFLRI LPDGTVDGTR DRSDQHIQLQ LSAESVGEVY IKSTETGQYL AMDTDGLLYG SQTPNEECLF LERLEENHYN TYISKKHAEK NWFVGLKKNG SCKRGPRTHY GQKAILFLPL PVSSD
Research Area	Signal Transduction
Source	E.Coli
Target Names	FGF1
Expression Region	2-155aa
Tag Info	Tag-Free
Mol. Weight	17.5 kDa
Protein Length	full length
PubMed ID	3523756; 2590193; 2474753; 1693186; 1717925; 1372643; 7504343; 14702039; 15372022; 15489334; 2393407; 2427112; 3527167; 3778488; 3964259; 3732516; 1885605; 8663044; 11432880; 11964394; 16597617; 18400376; 20863990; 15863030; 20094046; 22321063; 1702556; 8
Image	


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

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.