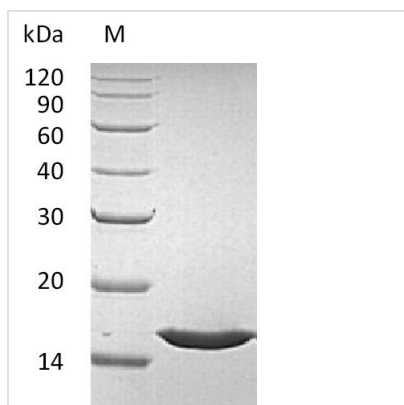




Recombinant Human Fibroblast growth factor 1 (FGF1) (Active)

Product Code	CSB-AP003761HU
Abbreviation	Recombinant Human FGF1 protein (Active)
Uniprot No.	P05230
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m filtered 20mM PB, 20% Trehalose, 100mM NaCl, 0.05% Tween 80, pH6.0.
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined in a cell proliferation assay using BALB/c 3T3 cells is 0.2-2 ng/ml.
Purity	\geq 95% as determined by SDS-PAGE.
Sequence	FNLPPGNYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESVGE VYIKSTETGQYLAMDTDGLLYGSQTPNEECLFLERLEENHYNTYISKKHAEKN WFVGLKKNKNGSCKRGRPRTHYGQKAILFLPLPVSSD
Research Area	Signal Transduction
Source	E.coli
Target Names	FGF1
Expression Region	16-155aa
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	15.9 kDa
Protein Length	Full Length of Mature Protein

Image



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

**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.