



Recombinant Human Fibroblast growth factor 20 (FGF20)

Product Code	CSB-MP008626HU
Abbreviation	FGF20
Storage	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.
Uniprot No.	Q9NP95
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAPLAEVGGF LGGLEGLGQQ VGSFLLPPA GERPPLLGER RSAAERSARG GPGAAQLAHL HGILRRRQLY CRTGFHLQIL PDGSVQGTRQ DHSFLGILEF ISVAVGLVSI RGVDSGLYLG MNDKGELYGS EKL TSECIFR EQFEENWYNT YSSNIYKHGD TGRRYFVALN KDGTPRDGAR SKRHQKFTHF LPRPVDPERV PELYKDLLMY T
Source	Mammalian cell
Target Names	FGF20
Protein Names	Recommended name: Fibroblast growth factor 20 Short name= FGF-20
Expression Region	1-211
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of the fibroblast growth factor family. The fibroblast growth factors possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene product is a secreted neurotrophic factor but lacks a typical signal peptide. It is expressed in normal brain, particularly the cerebellum, and may regulate central nervous system development and function. Homodimerization of this protein was shown to regulate its receptor binding activity and concentration gradient in the extracellular matrix. Genetic variations of this gene have been associated with Parkinson disease susceptibility.
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.