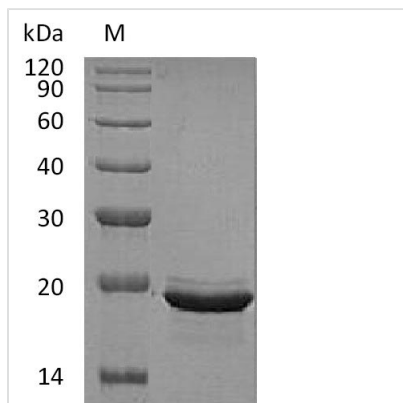




Recombinant Human Fibroblast growth factor 12 (FGF12) (Active)

Product Code	CSB-AP004021HU
Uniprot No.	P61328
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m filtered PBS, 5mM EDTA, pH 7.5.
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined by its ability to bind Human FGF R3 in functional ELISA is less than 20 ug/ml.
Purity	\geq 95% as determined by SDS-PAGE.
Sequence	MESKEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTKDENS DYTLFNLIPVGLRV VAIQGVKASLYVAMNGEGYLYSSDVFTPECKFKESVFENYYYVIYSSTLYRQQE SGRAWFLGLNKEGQIMKGNRVKKTTPSSHVPKPIEVCMYREPSLHEIGEKK GRSRKSSGTPMTMNGGKVVNQDST
Research Area	Cardiovascular
Source	E.coli
Target Names	FGF12
Expression Region	1-181aa
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	20.45 kDa
Protein Length	Full Length of Isoform?2

Image



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

Endotoxin

Less than 1.0 EU/ μ g 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.