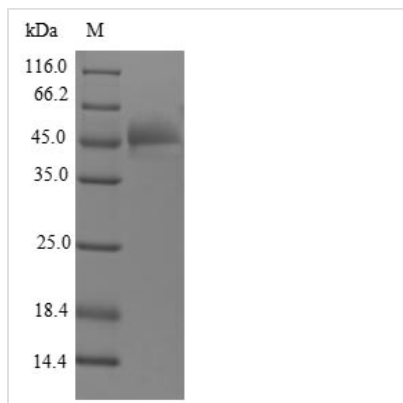




Recombinant Human Fibroblast growth factor 12 (FGF12)

Product Code	CSB-EP008618HU
Relevance	Involved in nervous system development and function. Promote neuronal excitability by elevating the voltage dependence of neuronal sodium channel SCN8A fast inactivation.
Abbreviation	Recombinant Human FGF12 protein
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.	P61328
Alias	Fibroblast growth factor homologous factor 1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MESKEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTKDENSDYTLFNLIPVGLRV VAIQGVKASLYVAMNGEGYLYSSDVFTPECKFKESVFENYYYVIYSSTLYRQQE SGRAWFLGLNKEGQIMKGNRVKKTTPSSHFPKPIEVCMYREPSLHEIGEKQ GRSRKSSGTPMNGGKVVNQDST
Research Area	Cardiovascular
Source	E.coli
Target Names	FGF12
Protein Names	Recommended name: Fibroblast growth factor 12 Short name= FGF-12 Alternative name(s): Fibroblast growth factor homologous factor 1 Short name= FHF-1 Myocyte-activating factor
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	N-terminal GST-tagged
Mol. Weight	47.4kDa
Protein Length	Full Length of Isoform 2
Image	



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

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.