



Recombinant Human Growth/differentiation factor 7 (GDF7)

Product Code	CSB-EP768769HU
Abbreviation	GDF7
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.	Q7Z4P5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	TALAGTRTA QGSGGGAGRG HGRRGRSRCS RKPLHVDFKE LGWDDWIIAP LDYEAYHCEG LCDFPLRSHL EPTNHAIQT LLNSMAPDAA PASCCVPARL SPISILYIDA ANNVVYKQYE DMVVEACGCR
Source	E.coli
Target Names	GDF7
Protein Names	Recommended name: Growth/differentiation factor 7 Short name= GDF-7
Expression Region	322-450
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 of Mature Protein
Target Details	This gene encodes a member of the bone morphogenetic protein (BMP) family. BMPs belong to the transforming growth factor-beta superfamily of secreted signalling molecules that regulate diverse processes in growth, repair and embryonic development. In mouse, this gene functions as an inductive signal from the roof plate required for the specification of neuronal identity in the dorsal spinal cord.
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.