



Recombinant Pig 78 kDa glucose-regulated protein (HSPA5)

Product Code	CSB-EP010827PI-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P34935
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	>85% (SDS-PAGE)
Sequence	DEIVLVGGST RIPKIQQLVK EFFNGKEPSR GINPDEAVAY GAAVQAGVLS GDQDTGDLVL LDVCPLTLGI ETVGGVMTKL IPRNTVVPTK KSQIFSTASD NQPTVTIKVY EGERPLTKDN HLLGTFDLTG IPPAPRGVPQ IEVTFEIDVN GILRVTAEDK GTGNKNKITI TNDQNRLTPE EIERMVND AE KFAEEDKCLK ERIDTRNELE SYAYCLKNQI GDKEKLGK SSEDKETMEK AVEEKIEWLE SHQDADIEDF KA
Source	E.coli
Target Names	HSPA5
Protein Names	Recommended name: 78 kDa glucose-regulated protein Short name= GRP-78 Alternative name(s): Heat shock 70 kDa protein 5 Immunoglobulin heavy chain-binding protein Short name= BiP
Expression Region	1-262
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
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.