



Recombinant Pig Gamma-interferon-inducible-lysosomal thiol reductase (IFI30)

Product Code	CSB-MP011012PI
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B3SP85
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	DPPPVNV NLYYESLCNG CRYFLVRELF PTWLMVWEIL NVTLVPYGNA QERNVSGRWE FTCQHGEQEC KMNKVEACLL DKLEKNMAFL TIVCIEELDD MEKNLEPCLQ IYAPKVSPDS IMECAMGDRG MQLLHINAQL TDALKPPHEY VPWVVVNGKP MTEKDQLLRL VCQLYEGE
Source	Mammalian cell
Target Names	IFI30
Protein Names	Recommended name: Gamma-interferon-inducible-lysosomal thiol reductase EC= 1.8.-.-
Expression Region	54-228
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 protein is a lysosomal thiol reductase that at low pH can reduce protein disulfide bonds. The enzyme is expressed constitutively in antigen-presenting cells and induced by gamma-interferon in other cell types. This enzyme has an important role in MHC class II-restricted antigen processing.
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.