



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

Product Code	CSB-EP011012BO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A6QPN6
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	DVPLVNVSL YYEALCPGCR EFLIRELFPT WLMVLEILNV TLVPYGNAQE RNVSGKWEFT CQHGERECLL NKVEACLLDQ LEQKIAFLTI VCLEEMDDME QNLKPCQLQIY APKVSADSIM ECATGNRGMQ LLHINAQLTD ALRPPHKYVP WVVVNGEHMK DAEHLLHLVC RLYQGQKPDV CQLTAELSKE VHFK
Source	E.coli
Target Names	IFI30
Protein Names	Recommended name: Gamma-interferon-inducible lysosomal thiol reductase EC= 1.8.-.- Alternative name(s): IFI30 protein
Expression Region	52-244
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.