Recombinant Bovine Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (ARFGEF1), partial

Product Code	CSB-YP002000BO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O46382
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Source	Yeast
Target Names	ARFGEF1
Protein Names	Recommended name: Brefeldin A-inhibited guanine nucleotide-exchange protein 1 Short name= Brefeldin A-inhibited GEP 1 Alternative name(s): p200 ARF guanine nucleotide exchange factor p200 ARF-GEP1
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	Partial
Target Details	ADP-ribosylation factors (ARFs) play an important role in intracellular vesicular trafficking. This protein is involved in the activation of ARFs by accelerating replacement of bound GDP with GTP. It contains a Sec7 domain, which may be responsible for the guanine-nucleotide exchange activity and also the brefeldin A inhibition.
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.