



Recombinant Bovine Prostaglandin E synthase 2 (PTGES2)

Product Code	CSB-EP018977BO-B
Abbreviation	PTGES2
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.	Q66LN0
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	ERSATQLSLS SRLQLTLYQY KTAEIKFSSY RKPILVAQE GESLQQLNDS SVIISALKTY LVSGQPLADI ITYYYPAMKA
Source	E.coli
Target Names	PTGES2
Protein Names	Recommended name: Prostaglandin E synthase 2 EC= 5.3.99.3 Alternative name(s): Microsomal prostaglandin E synthase 2 Short name= mPGES-2 Cleaved into the following chain: 1. Prostaglandin E synthase 2 truncated form
Expression Region	1-79
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
Target Details	This protein is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene.
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.