



Recombinant Pig Cholecystokinin (CCK)

Product Code	CSB-EP004771PI-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P01356
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	QPVPPADSAV PGAQEEEAHR RQLRAVQKVD GESRAHLGAL LARYIQQARK APSGRVSMIK NLQSLDPSHR ISDRDYMGMW DFGRRSAEEY EYTS
Source	E.coli
Target Names	CCK
Protein Names	Recommended name: Cholecystokinin Short name= CCK Cleaved into the following 10 chains: 1. Cholecystokinin-58 Short name= 2. CCK58 3. Cholecystokinin-58 desnonopeptide Alternative name(s): (1-49)-CCK58 Cholecystokinin-39
Expression Region	21-114
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	Cholecystokinin is a brain/gut peptide. In the gut, it induces the release of pancreatic enzymes and the contraction of the gallbladder. In the brain, its physiologic role is unclear. The cholecystokinin pro-hormone is processed by endo- and exo-proteolytic cleavages.
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.