



Recombinant Pongo abelii Beta-ureidopropionase (UPB1)

Product Code	CSB-EP722399PYX-B
Abbreviation	UPB1
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.	Q5RBM6
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	MAGAEWKSLE ECLEKHLPLP DLQEVKRVLY GKELRKLDLP REAFEAAASRE DFELQGYAFE AAEEQLRRPR IVHVGLVQNR IPLPANAPVA EQVSALHRRRI KAIVEVAAMC GVNIICFQEA WTMPFAFCTR EKLPWTEFAE SAEDGPTTRF CQKLAKNHDM VVVSPILERD SEHGDVLWNT AVVISNSGAV LGKTRKNHIP RVGDFNESTY YMEGNLGHPV FQTQFGRIAV NICYGRHHPL NWLMYSINGA EIIFNPSATI GALSESLWSI EARNAAIANH CFTCAINRVG TEHFPNEFTS GDGKKAHQDF GYFYGSSYVA APDGSRTPLG SRSQDGLLVA KLDLNLCCQQV NDVWNFKMTG RYEMYARELA EAVKSNYSPT IVKE
Source	E.coli
Target Names	UPB1
Protein Names	Recommended name: Beta-ureidopropionase EC= 3.5.1.6 Alternative name(s): Beta-alanine synthase N-carbamoyl-beta-alanine amidohydrolase
Expression Region	1-384
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
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.