



Recombinant Protopterus aethiopicus Keratin, type I cytoskeletal 18 (krt18)

Product Code	CSB-EP705521PSV-B
Abbreviation	krt18
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.	Q5K2N9
Product Type	Recombinant Protein
Immunogen Species	Protopterus aethiopicus (Marbled lungfish)
Purity	>85% (SDS-PAGE)
Sequence	YSAVSSRST VVSSRPLSSS RSLVVSSSYP KMSTASTTYS GVASSGSRIS STRYSTIGSA LGGAGGFGTR SSLTLSGNAV ISNEKETMQD LNDRLSNYLE TVRRELANANQ QLEIQIREAM EKRGPSVRDY SNYEKIIKEL RDQIYDTTVD NARLVLAIDN ARLAADDFRV KWEAELAIRQ SVDSINGLR KVIDDTNLGR LQLESEIEVL KEELVFIKKN HEDEVIALRN QVNSCGVQVD LDAPKGTDLA EIMATLRAEY EAMINKNKDD AEHWYQSKVE TFQVETVQNT EALQTAKTEL SDLRRRIQSL EIELESNRSM RASLEDTLRD TELRYAMEME RLGALVSRIE AELAQVRTDM QRQAQDYEV LNAKMKLEAE IATYRHLLGG ESDTSLSLQD ALSAMKVS NV QTVQKIVVTT QKLVDGKVV E DSTVTETK
Source	E.coli
Target Names	krt18
Protein Names	Recommended name: Keratin, type I cytoskeletal 18 Alternative name(s): Cytokeratin-18 Short name= CK-18 Keratin-18 Short name= K18
Expression Region	2-438
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
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.