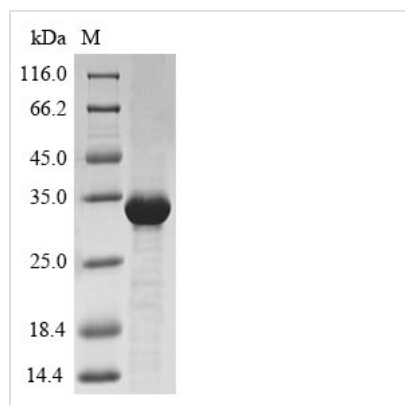




Recombinant Triticum aestivum Trypsin/alpha-amylase inhibitor CMx2

Product Code	CSB-EP674868TQN
Abbreviation	Recombinant Triticum aestivum Trypsin/alpha-amylase inhibitor CMx2 protein
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.	Q43691
Alias	ITRL-2
Product Type	Recombinant Protein
Immunogen Species	Triticum aestivum (Wheat)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	FREQCVPGREITYESLNARREYAVRQTCGYLSAERQKRRCCDELSKVPELC WCEVLRILMDRRVTKEGVVKDSLQDMSRCKKLTREFIAGIVGRE
Research Area	others
Source	E.coli
Protein Names	Recommended name: Trypsin/alpha-amylase inhibitor CMX2 Alternative name(s): ITRL-2
Expression Region	25-121aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	31.5kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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.