



Recombinant Human Chymotrypsin-C (CTRC)

Product Code	CSB-MP859526HU
Abbreviation	CTRC
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.	Q99895
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	V VGGEDARPHS WPWQISLQYL KNDTWRHTCG GTLIASNFVL TAAHCISNTR TYRVAVGKNN LEVEDEEGSL FVGVDTIHVH KRWNALLLRN DIALIKLAEH VELSDTIQVA CLPEKDSLPP KDYP CYVTGW GRLWTNGPIA DKLQQGLQPV VDHATCSRID WWGFRVKKTM VCAGGDGVIS ACNGDSGGPL NCQLENGSWE VFGIVSFGSR RGCNTRKKPV VYTRVSAYID WINEKMQL
Source	Mammalian cell
Target Names	CTRC
Protein Names	Recommended name: Chymotrypsin-C EC= 3.4.21.2 Alternative name(s): Caldecrin
Expression Region	30-268
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	This gene encodes a member of the peptidase S1 family. The encoded protein is a serum calcium-decreasing factor that has chymotrypsin-like protease activity. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined.
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.