

Chymotrypsin, Human Pancreas recombinant protein
Caldecrin, Chymotrypsin C, Chymotrypsin-C, Chymotrypsin C, CLCR, CTRC,
CTRC_HUMAN, ELA 4, ELA4, Elas
Catalog # PBV11148r

Specification

Chymotrypsin, Human Pancreas recombinant protein - Product info

Primary Accession [O99895](#)
Calculated MW **25.0 kDa KDa**

Chymotrypsin, Human Pancreas recombinant protein - Additional Info

Gene ID **11330**
Gene Symbol **CTRC**

Other Names

Caldecrin, Chymotrypsin C, Chymotrypsin-C, Chymotrypsin C, CLCR, CTRC, CTRC_HUMAN, ELA 4, ELA4, Elastase 4, Elastase IV, Elastase4, Elastase IV, Serum calcium decreasing factor

Gene Source	Human
Source	Human Pancreas
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	No
Results	40-70 units per mg protein.
Target/Specificity	
Chymotrypsin	

Format

Lyophilized

Storage

-20°C; Lyophilized as a salt-free solid.

Chymotrypsin, Human Pancreas recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Chymotrypsin, Human Pancreas recombinant protein - Images

Chymotrypsin, Human Pancreas recombinant protein - Background

Chymotrypsin is a serine peptidase and has 241 amino acid residues contained in three polypeptide chains (A chain-13 residues, B chain-131 residues, and C chain-97 residues) linked by disulfide bridges. Molecular weight of this enzyme is found to be 25 kDa. The pI is 8.75. It selectively hydrolyzes peptide bonds on the C-terminal side of tyrosine, phenylalanine, tryptophan, and leucine.

Chymotrypsin, Human Pancreas recombinant protein - References

Tomomura A.,et al.FEBS Lett. 386:26-28(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
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