

Product Name: Recombinant Human CTRL (C-6His)
Catalog #: PHH0410

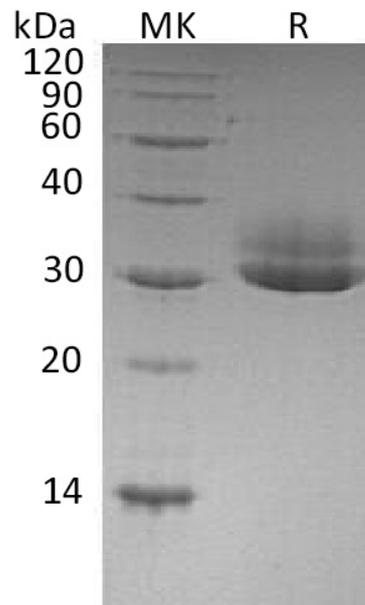


Summary

Name	Chymotrypsin-like protease CTRL-1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Chymotrypsin-Like Protease CTRL-1 is produced by our Mammalian expression system and the target gene encoding Cys19-Asn264 is expressed with a 6His tag at the C-terminus.
Accession #	P40313
Host	Human Cells
Species	Human
Predicted Molecular Mass	27.15 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Chymotrypsin-Like Protease CTRL-1; CTRL; CTRL1

Background

Chymotrypsin-Like Protease CTRL-1 is a protease that belongs to the peptidase S1 family. Human CTRL-1 is synthesized as a 264 amino acid (aa) precursor that contains an 18 aa signal sequence, 15 aa activation peptide and a 231 aa mature chain. CTRL-1 Contains 1 peptidase S1 domain. It has many molecular functions, such as hydrolase, protease, and serine protease. CTRL-1 plays a role in digest and hydrolyze proteins in biological process.

Note

For Research Use Only , Not for Diagnostic Use.