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Datasheet for ABIN7318312

Chymotrypsin Protein (CTRL) (His tag)

Overview

Quantity:	50 µg
Target:	Chymotrypsin (CTRL)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Chymotrypsin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CTRL Protein (His Tag)
Sequence:	Cys19-Asn264
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Chymotrypsin (CTRL)
Alternative Name:	CTRL (CTRL Products)
Background:	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

Target Details

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.

Synonym: Chymotrypsin-Like Protease CTRL-1, CTRL, CTRL1

Molecular Weight: 27.2 kDa

UniProt: [P40313](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 10 % Glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.