

Datasheet for ABIN1096398
CTRB1 Protein (AA 19-263) (His tag)



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Overview

Quantity:	50 µg
Target:	CTRB1
Protein Characteristics:	AA 19-263
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTRB1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Chymotrypsinogen B/CTRB1 (C-6His)
Sequence:	CGVPAIHPVL SGLSRIVNGE DAVPGSWPWQ VSLQDKTGFH FCGGSLISED WVVTAAHCGV RTSDVVVAGE FDQGSDEENI QVLKIAKVFK NPKFSILTVN NDITLLKLAT PARFSQTVSA VCLPSADDDF PAGTLCATTG WGKTKYNANK TPKLQQAAL PLLSNAECKK SWGRRITDVM ICAGASGVSS CMGDSGGPLV CQKDGAWTLV GIVSWGSDTC STSSPGVYAR VTKLIPWVQK ILAAANVDHHH HHH
Characteristics:	Recombinant Human Chymotrypsinogen B/CTRB produced by transfected human cells is a secreted protein with sequence (Cys19-Asn263) of Human CTRB fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CTRB1
Alternative Name:	chymotrypsinogen-b (CTRB1 Products)
Sub Type:	Fusionprotein
Background:	<p>Chymotrypsinogen B (CTRB1) is a 263 amino acid protein with signal peptide (1-18) and Chymotrypsinogen B (19-263). Chymotrypsinogen B have three chains:Chymotrypsin B chain A(19-31), Chymotrypsin B chain B(34-164), Chymotrypsin B chain C (167-263).</p> <p>Chymotrypsinogen B is a Serine Protease Hydrolase secretes into gastrointestinal tract as the inactive precursor Chymotrypsinogen.</p> <p>Alternative Names: Chymotrypsinogen B, CTRB1, CTRB</p>
Molecular Weight:	26.89 kDa
UniProt:	P17538

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months