Recombinant Human CTRB1 Protein, His-tagged

Cat. No. CTRB1-852H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTRB1(Cys19-Asn263) fused with His tag at the C-terminus was produced in HEK293.
Species	Human
Source	HEK293
ProteinLength	Cys19-Asn263
Description	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). Chymotrypsinogen B is a Serine Protease Hydrolase secrets into gastrointestinal tract as the inactive precursor Chymotrypsinogen.
Form	Supplied as a 0.2 μm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.
AA sequence	CGVPAIHPVLSGLSRIVNGEDAVPGSWPWQVSLQDKTGFHFCGGSLISEDWVVTAA HCGVRTSDV VVAGEFDQGSDEENIQVLKIAKVFKNPKFSILTVNNDITLLKLATPARF SQTVSAVCLPSADDDF PAGTLCATTGWGKTKYNANKTPDKLQQAALPLLSNAECK KSWGRRITDVMICAGASGVSSCMGDS GGPLVCQKDGAWTLVGIVSWGSDTCSTS SPGVYARVTKLIPWVQKILAANVDHHHHHH
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.

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Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Store at < -20 centigrade, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Shipping	The product is shipped on dry ice/ice packs.

GENE INFORMATION

Gene Name	CTRB1 chymotrypsinogen B1 [Homo sapiens]
Official Symbol	CTRB1
Synonyms	CTRB1; chymotrypsinogen B1; CTRB; chymotrypsinogen B; FLJ42412; MGC88037;
Gene ID	1504
mRNA Refseq	NM_001906
Protein Refseq	NP_001897
MIM	118890
UniProt ID	P17538

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