

## 32-7443: Recombinant Human Chymotrypsinogen B/CTRB1 (C-6His)

**Gene :** CTRB1  
**Gene ID :** 1504  
**Uniprot ID :** P17538

### Description

Source: Human Cells.  
MW :26.89kD.

Recombinant Human Chymotrypsinogen B is produced by our Mammalian expression system and the target gene encoding Cys19-Asn263 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** CGVPAIHPVLSGLSRIVNGEDAVPGSWPWQVSLQDKTGFHFCGGLISEDWVVVTAHCGVRTSDVWVAGEFD  
QGSDEENIQVLKIAKVFNPKFSILTVNNDITLLKATPARFSQTVSAVCLPSADDDFPAGTLCATTGWGKTKYN  
ANKTPDKLQQAALPLLSNAECKKSWGRRITDVMICAGASGVSSCMGDSGGPLVCQKDGAWTLVGIVSWGSD  
TCSTSSPGVYARVTKLIPWVQKILAAVNDHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.