

Recombinant Human CTRB1 Protein, GST-tagged

Cat. No. CTRB1-853H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTRB1(Cys19-Asn263) fused with GST tag at N-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	19-263 a.a.
Description	This gene encodes a member of the serine protease family of enzymes and forms a principal precursor of the pancreatic proteolytic enzymes. The encoded preproprotein is synthesized in the acinar cells of the pancreas and secreted into the small intestine where it undergoes proteolytic activation to generate a functional enzyme. This gene is located adjacent to a related chymotrypsinogen gene. This gene encodes distinct isoforms, some or all of which may undergo similar processing to generate the mature protein.
Form	20mM Tris-HCl, 150mM NaCl, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	26.9 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
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Concentration	>50 ug/mL as determined by microplate BCA method
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GENE INFORMATION

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