

Recombinant Human CTRB1

Cat. No. CTRB1-27445TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human CTRB1 with N terminal proprietary tag. Predicted MW 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	The protein encoded by this gene is one of a family of serine proteases that is secreted into the gastrointestinal tract as an inactive precursor, which is activated by proteolytic cleavage with trypsin.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	LKIAKVFKNPKFSILTVNNDITLLKLATPARFSQTVSAVCLPSADDDFPAGTLCATTGW

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acids GKTKYNANKTPDKLQQAALPLLSNAECKKSWGRRITDVMIC

GENE INFORMATION

Gene Name [CTRB1 chymotrypsinogen B1 \[Homo sapiens \]](#)

Official Symbol [CTRB1](#)

Synonyms CTRB1; chymotrypsinogen B1; CTRB; chymotrypsinogen B;

Gene ID [1504](#)

mRNA Refseq [NM_001906](#)

Protein Refseq [NP_001897](#)

MIM [118890](#)

Uniprot ID [P17538](#)

Chromosome Location 16q23.1

Pathway Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem;

Function peptidase activity; serine-type endopeptidase activity;

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