

## Recombinant Human CTRB1

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

### SPECIFICATION

|                           |                                                                                                                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Recombinant fragment of Human CTRB1 with N terminal proprietary tag. Predicted MW 36.63 kDa.                                                                                                                |
| <b>Species</b>            | Human                                                                                                                                                                                                       |
| <b>Source</b>             | Wheat Germ                                                                                                                                                                                                  |
| <b>ProteinLength</b>      | 100 amino acids                                                                                                                                                                                             |
| <b>Description</b>        | 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. |
| <b>Molecular Weight</b>   | 36.630kDa inclusive of tags                                                                                                                                                                                 |
| <b>Form</b>               | Liquid                                                                                                                                                                                                      |
| <b>Purity</b>             | Proprietary Purification                                                                                                                                                                                    |
| <b>Storage buffer</b>     | pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl                                                                                                                                                       |
| <b>Storage</b>            | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                                                   |
| <b>Sequences of amino</b> | LKIAKVFKNPKFSILTVNNDITLLKLATPARFSQTVSAVCLPSADDDFPAGTLCATTGW                                                                                                                                                 |

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**acids** GGTKYNANKTPDKLQQAALPLLSNAECKKSWGRRITDVMIC

## 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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