

Recombinant Full Length Human CTRB1 Protein, GST-tagged

Cat. No. CTRB1-2323HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTRB1 full-length ORF (AAH05385.1, 1 a.a. - 263 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	263 amino acids
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. [provided by RefSeq, Jul 2016]
Molecular Mass	54.56 kDa
AA Sequence	MAFLWLLSCWALLGTTFGCGVPAIHPVLSGLSRIVNGEDAVPGSWPWQVSLQDKT GFHFCCGSLISEDWVVTAAHCGVRTSDVVVAGEFDQGSDEENIQVLKIAKVFNPKF SILTVNNDITLLKLATPARFSQTVSAVCLPSADDDFPAGTLCATTGWGKTKYNANKTP DKLQQAALPLLSNAECKKSWGRRITDVMICAGASGVSSCMGDSGGPLVCQKDGAW TLVGIVSWGSDTCSTSSPGVYARVTKLIPWVQKILAN

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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