

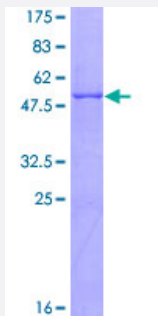
Full-Length

CTRB1 (Human) Recombinant Protein (P01)

Catalog # H00001504-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CTRB1 full-length ORF (AAH05385.1, 1 a.a. - 263 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAFLWLLSCWALLGTTFGCGVPAIHPVLSGLSRVNGEDAVPGSWPWQVSLQDKTGFHFCGGS
LISEDWVVTAAHCGVRTSDVWVAGEFDQGSDEENIQVLKIAKVFNPKFSILTVNNDITLLKLATPA
RFSQTVSAVCLPSADDDFPAGTLCATTGWGKTKYNANKTPDKLQQAALPLLSNAECKKSWGRRRI
TDVMICAGASGVSSCMGDSGGPLVCQKDGAWTLVGIVSWGSDTCSTSSPGVYARVTKLIPWVQ
KILAAN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.56

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CTRB1

Entrez GeneID	1504
GeneBank Accession#	BC005385.1
Protein Accession#	AAH05385.1
Gene Name	CTRB1
Gene Alias	CTRB, FLJ42412, MGC88037
Gene Description	chymotrypsinogen B1
Omim ID	118890
Gene Ontology	Hyperlink
Gene Summary	Alpha-chymotrypsin (EC 3.4.21.1) is one of a family of serine proteases secreted into the gastrointestinal tract as the inactive precursor chymotrypsinogen. The zymogen is activated by proteolytic cleavage by trypsin (PRSS1; MIM 276000).[supplied by OMIM]
Other Designations	-

Disease

- [Genetic Predisposition to Disease](#)