



Recombinant Protein Technical Manual

**Recombinant Rat Chymotrypsinogen B/CTRB1
Protein (His Tag)
RPES3098**

Product Data:

Product SKU: RPES3098

Size: 20µg

Species: Rat

Expression host: HEK293 Cells

Uniprot: P17538

Protein Information:

Molecular Mass: 27.4 kDa

AP Molecular Mass:

Tag: C-His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg protein as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: CTRB1

Immunogen Information:

Sequence: Met1-Asn263

Background:

Chymotrypsinogen B (CTRB1) is a 263 amino acid protein with signal peptide (18) and Chymotrypsinogen B (19-263). Chymotrypsinogen B have three chains:Chymotrypsin B chain A(19-31), Chymotrypsin B chain B(3464), Chymotrypsin B chain C (167-263). Chymotrypsinogen B is a Serine Protease Hydrolase secrets into gastrointestinal tract as the inactive precursor Chymotrypsinogen.