



Recombinant Protein Technical Manual
Recombinant Human Chymotrypsinogen B/CTRB1
Protein (His Tag)
RPES0624

Product Data:

Product SKU: RPES0624

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P17538

Protein Information:

Molecular Mass: 26.9 kDa

AP Molecular Mass: 28 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.

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

Application:

Synonyms: Chymotrypsinogen B; CTRB1; CTRB

Immunogen Information:

Sequence: Cys19-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.