

Recombinant Rat Chymotrypsinogen B/CTRB1 Protein (His Tag)

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by Elabscience

Catalog Number:PKSR030137

Note: Centrifuge before opening to ensure complete recovery of vial contents.

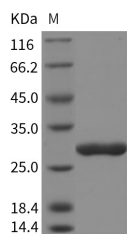
Description

Synonyms	CTRB1
Species	Rat
Expression Host	HEK293 Cells
Sequence	Met1-Asn263
Accession	P17538
Calculated Molecular Weight	27.4 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Chymotrypsinogen B (CTRB1) is a 263 amino acid protein with signal peptide (1-18) and Chymotrypsinogen B (19-263). Chymotrypsinogen B have three chains:Chymotrypsin B chain A(19-31), Chymotrypsin B chain B(34-164), Chymotrypsin B chain C (167-263). Chymotrypsinogen B is a Serine Protease Hydrolase secretes into gastrointestinal tract as the inactive precursor Chymotrypsinogen.

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