Recombinant Rat CTRB1 Protein, His-tagged

Cat. No. CTRB1-1151R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat CTRB1 (Met1-Asn263) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-263 a.a.
Predicted N Terminal	Cys 19
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat CTRB1 consists 256 amino acids and predicts a molecular mass of 27.4 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ctrb1 chymotrypsinogen B1 [Rattus norvegicus]
Official Symbol	CTRB1
Synonyms	CTRB1; chymotrypsinogen B1; chymotrypsinogen B; Chymotrypsin B; chymotrypsin B1; Ctrb;
Gene ID	24291
mRNA Refseq	NM_012536
Protein Refseq	NP_036668
MIM	
UniProt ID	
Pathway	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem;
Function	peptidase activity; peptidase activity; protein binding; serine-type endopeptidase activity; serine-type endopeptidase activity;

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