

## CTRB1 Protein, Rat (HEK293, His)

Cat. No.:	HY-P76852
Synonyms:	Chymotrypsinogen B; CTRB1; CTRB
Species:	Rat
Source:	HEK293
Accession:	P07338 (C19-N263)
Gene ID:	24291
Molecular Weight:	Approximately 27 kDa

### PROPERTIES

AA Sequence	CGVPTIQPVLTGLSRIVNGEDAIPGSWPWQVSLQDKTGFH FCGGSLISEDWVVTAAHCGVKTSDEVVAGEFDQGSDEENI QVLKIAQVFKNPKFNMFTVRNDITLLKLATPAQFSETVSA VCLPNVDDDFPPGTVCATTGWGKTKYNALKTPEKLQQAAL PIVSEADCKKSWGSKITDVMTCAGASGVSSCMGDSGGPLV CQKDG VWTLAGIVSWGSGVCSSTSTPAVYSRVTALMPWVQQ ILEA N
Biological Activity	Measured by its ability to cleave a peptide substrate, Suc-AAPF-pNA. Read at OD 410 nm. The specific activity is 969.68 pmol/min/mg, as measured under the described conditions.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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