

## Chitodextrinase Clostridium Botulinum Recombinant

<b>Item Number</b>	rAP-1367
<b>Synonyms</b>	
<b>Description</b>	Chitodextrinase Clostridium Botulinum Recombinant fused with a 13 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 590 amino acids and having a molecular mass of 66.9kDa. The Chitodextrinase is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	
<b>Amino Acid Sequence</b>	HMRGSGSHHHHHHKEKFKTTKIKNSSELNRKLVGYFPE- WAYSSEAQGYFNVTDLQWDSLTHIQYSFAMVDPSTNKITLSNKHAAIEEDFSEFDLNYNGKKIELDPSLPYK GHFNVLQTMKKNYPDVSLISVGGWTGTRCFYTMIDTNRINTFADSCVDFIRKYGFDGVDIDFEYPSSTSQ SGNPDDFDLSEPRRTKLNERYNILIKTLREKIDMASKEDGKEYLLTAAVTASPWWLGGISDNTYAKYLDFLSI MSYDYHGGWNEYVEHLAGIYPNKEDRETVTQIMPTLCMDWAYRYRGLVPAEKILMGIPYYTRGWENVQ GGINGLHGSSKTPASGKYNILGDDLNNDGVLEPDGANPLWHVNLNMEQDPNLKVYWDEISKVPYVWQND KKVFSFENEKSIDARLEYIQNKNLGGALIWVMNGDYGLNPNYVEGSNKINEGKYTFGDTLTKRLSQGLKK MGVCNKTPDDLNISLEPINVDVKFNGKYDHPNYTYSIDITNYTDKEIKGGWNVSFDPKSAVFKSSWGGTYS
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Chitodextrinase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Chitodextrinase should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Chitodextrinase lyophilized from a 0.2µm filtered concentrated solution in PBS. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Chitodextrinase in sterile 18M <sup>2</sup> -cm H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**