

Chitodextrinase Recombinant Protein



RPPB1494

Product Information Protein Information

Product SKU:

RPPB1494

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

Chitodextrinase lyophilized from a 0.2µm filtered concentrated solution in PBS.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Chitodextrinase in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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.

Amino Acid Sequence:

HMRGSGSHHHHHHKEKFKTTKIKNSSELNRKLVGYFPEWAYSSEAQGYFNVTDLQWDSLTHIQYSFAMVDPSTN
KITLSNKHAAIEEDFSEFDLNYNGKKIELDPSLPYKGFHNVLQTMKKNYPDVSLISVGGWTGTRCFYTMIDTDNRIN
TFADSCVDFIRKYGFDGVDIDFEYPSSTSQSGNPDDFDLSEPRRTKLNERYNILIKTLREKIDMASKEDGKEYLLTAAVT
ASPWWLGGISDNTYAKYLDFLSIMSYDYHGGWNEYVEHLAgiYPNKEDRETVTQIMPTLCMDWAYRYRGLPAE
KILMGIPYYTRGWENVQGGINGLHGSSKTPASGKYNILGDDLNDGVLEPDGANPLWHVNLNMEQDPNLKVYWW
DEISKVPYVWQNDKVFVSENEKSIDARLEYIQNKNLGGALIWVMNGDYGLNPNYVEGSNKINEGKYTFGDTLTK
RLSQGLKKMGVCNKTPDDLNISLEPINVDVKFNGKYDHPNYTYSIDITNYTDEIKGGWNVSFDPKSAVFKSSWG
GTVSVDNGDFNTITLTSGAWQNIAPNSTITVQGMIGLCSGIRNVTFNGMNPIGNDK.