Chitodextrinase

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.

Catalog #:ENPS-039

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence:

HMRGSGSHHHHHHKEKFKTTKIKNSSELNRKLVGYFPEWAYSSEAQGYFNVTDLQWDSLTHIQY
SFAMVDPSTNKITLSNKHAAIEEDFSEFDLNYNGKKIELDPSLPYKGHFNVLQTMKKNYPDVSLLIS
VGGWTGTRCFYTMIDTDNRINTFADSCVDFIRKYGFDGVDIDFEYPSSTSQSGNPDDFDLSEPRR
TKLNERYNILIKTLREKIDMASKEDGKEYLLTAAVTASPWVLGGISDNTYAKYLDFLSI

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

Chitodextrinase lyophilized from a 0.2

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Chitodextrinase in sterile 18M-cm H2O not less than 100

Introduction:

Chitodextrinase is a unique membrane-bound endoenzyme. The chitodextrinase enzyme cleaves soluble oligomers, but not chitin, to the di- and trisaccharides. Chitodextrinase is unable to solubilize chitin, but it can catalyze the hydrolysis of high to low molecular weight soluble chitin oligosaccharides.

To place an order, please Click HERE.

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