

Glucan 1,4- α -maltohexaosidase 13A from *Bacillus halodurans*, Recombinant

Cat. No. NATE-1296

Lot. No. (See product label)

Introduction

Description Glucan 1,4- α -maltohexaosidase (EC 3.2.1.98, exo-maltohexaohydrolase, 1,4- α -D-glucan maltohexaohydrolase) is an enzyme with systematic name 4- α -D-glucan maltohexaohydrolase. This enzyme catalyses the following chemical reaction: Hydrolysis of (1- \rightarrow 4)- α -D-glucosidic linkages in amylaceous polysaccharides, to remove successive maltohexaose residues from the non-reducing chain ends. The products have the α -configuration.

Synonyms Glucan 1,4- α -maltohexaosidase; EC 3.2.1.98; exo-maltohexaohydrolase; 1,4- α -D-glucan maltohexaohydrolase; 4- α -D-glucan maltohexaohydrolase

Product Information

Species	Bacillus halodurans
Source	E. coli
Form	35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl ₂ , 0.02% sodium azide and 25% (v/v) glycerol
EC Number	EC 3.2.1.98
CAS No.	72561-12-7
Molecular Weight	64.9 kDa
Purity	>90% by SDS-PAGE
Concentration	1 mg/mL
Optimum pH	7
Optimum temperature	25 °C
Specificity	Starch

Storage and Shipping Information

Storage This enzyme is shipped at room temperature but should be stored at -20 °C.