

Recombinant Full Length Neosartorya Fumigata Chitin Synthase D(Chsd) Protein, His-Tagged

Cat. No. RFL34466NF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Neosartorya fumigata Chitin synthase D(chsD) Protein (P78746) (1-745aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Neosartorya fumigata
Source	E.coli
ProteinLength	Full Length (1-745)
Form	Lyophilized powder
AA Sequence	MIVLFTLLRWAPISPVFSMRTMHANLAHRGIFLPVMIVTLPLPVHLRRRFPAQMVLMML QW FAFGMFSVLLIIPWLLCVYRLVTHSPGR TKRIKQVLDDRTAPKTVVVMVPVYKEAP ETLIR AIDSVD CDYPANCIHVFLSYDGLIDESYLR LIEHLGIPITLESYPQSIDVTYKD ARIT VSRFKHGGKRHCQKQTFRLIDMVYADYLERHDNLFVLFIDSDCILDRVCLQNF MYDMELK PGSKHDM LAMTG VITSTTDRGSLLTLLQDMEYVHGQLFERSVESSCGA VTCLPGALTMLR FSAFRKMAKYFFADKAEQCEDFFDYGKCHLGEDRWLTHLFMVG ARKRYQIQMCAGAFCKT EAVQTFSSLLKQRRRWFLGFITNEVCMLTDVRLWKRYPL LCLVRFMQNTIRTTALLFFII ALSLITSSSSINDLPVGFIAISLGLNYVLMFYLGAKLKRY KAWLFPLMFILNPFFNWLYM VYGILTAGQRTWGGPRADAATADEHTSPEEAVELAK AQGDELNVDLTTFRSRGDEKSVPI HPSEKIDGRFSAPELPDGYDSNLNDSNAALTEL MTPLPSVPRIGIHTYPSSDSILTSDSL SSIHLPLKVEELTGDNDNMKPYPDRQPRDTS SLHQMQR TC SNGIVASDSCSSQDDASEMV NKPEILSPSAHILPHPSQATESSSGEDI

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	YPLHLPSPHQHEAHFAPLNASTRGSMEGNTPE VQRPRRKLPGIPRPIRAQKDPESM V
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	chsD
Synonyms	chsD; AfA5C5.045; AFUA_1G12600; Chitin synthase D; Chitin-UDP acetyl-glucosaminyl transferase D; Class-VI chitin synthase D
UniProt ID	P78746

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