

Recombinant Full Length *Gibberella Zeae* Chitin Synthase Export Chaperone(Chs7) Protein, His-Tagged

Cat. No. RFL24478GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Gibberella zeae</i> Chitin synthase export chaperone(CHS7) Protein (Q4IJ79) (1-334aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Gibberella zeae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-334)
Form	Lyophilized powder
AA Sequence	MSGFGDFTTICETAPLPLCAAVGPVLQATGRTGIEPECYARNIELANTIIFEGATAVMH I VALVMTVIMILHVRSKFTAVGRKEILSFFLYMLLSAMSLVIDAGVPPGSDPYPLV SV QNGFSSAVITCLLINGFVGFQLYEDGTPLSVWMLRISTLAAFTISFLVSLATFKSW AGLS PTNTVGLFVVLYLLNAIQLFIYVAMQILLVTRTLHDRWPLGDIAFGIFFFVAGQV FLYAF SSKICNAISHYLDGLFLATVCNLLGVMMVYKYWDSITKEDLEFSVGTRMNNW EVKELLPE EERRATVFSEDLYGQNSSYDLPYSPGAARYSAKY
Purity	Greater than 90% as determined by 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

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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**

CHS7

Synonyms

CHS7; FGRRES_02729; FGSG_02729; Chitin synthase export chaperone

UniProt ID

[Q4IJ79](#)

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