

Recombinant Full Length Oryza Sativa Subsp. Japonica Gdt1-Like Protein 1, Chloroplastic(Os01G0221700, Loc_Os01G12220) Protein, His-Tagged

Cat. No. RFL263OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica GDT1-like protein 1, chloroplastic(Os01g0221700, LOC_Os01g12220) Protein (Q5NAY7) (58-341aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length of Mature Protein (58-341)
Form	Lyophilized powder
AA Sequence	ASDEEGPPEPAGQGGRGGRAWPSLDASSCGLALAAAAGVLMQLQGSQQALAGTEF MGMQDV VGDLDISTGFASAFLLIFFSELGDRTFFIAALLAARNSGAIIFLGTFGALAV MTIISVV LGRAFHYVDGIIPFSFGGTDFPVDDFLAACLLVYYGITTLLDAASGDEEKM NEEQEEAEL AVSKFLGNGAGIISAASTIASTFVLVFIAEWGDKSFFSTIALAAASSPLG VIAGSLAGHA VATLIAVLGGSLLGTFLSEKIVAYIGGSLFLAFAAVTLVEIVNS
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.

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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	Os01g0221700
Synonyms	Os01g0221700; LOC_Os01g12220; OsJ_00919; P0443E05.5; P0483F08.42; GDT1-like protein 1, chloroplastic
UniProt ID	Q5NAY7