

Recombinant Wheat Omega-5 gliadin protein, His-SUMO-tagged

Cat. No. Omega-5 gliadin-3659W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Wheat Omega-5 gliadin protein(Q402I5)(262-439aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Wheat
Source	E.coli
ProteinLength	262-439aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.5 kDa
AA Sequence	QQQFPQQSPQQQFPQQFPQQQLPQKQFPQPQQIPQQQIPQQPQQFPQQ QFPQQQFPQQQEFPPQQFPQQQFHQQQLPQQQFPQQQFPQQQFPQQQFPQ QQQLTQQQFPRPQQSPEQQQFPQQQFPQQPPQQFPQQQFPIPYPPQQSEEPSY QQYPQQQPSGSDVISISGL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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 45-1 Ramsey Road, Shirley, NY 11967, USA

repeated freeze-thaw cycles.

Reconstitution

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%.

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