

Recombinant ZmOleCys, His tagged

Cat. No. ZmOleCys-07 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant ZmOleCys with His tag was expressed in E. coli.
Source	E.coli
AASequence	ADHHRGACGGGGGYGDLCRGGGMHGCAQQQKQGAMMCALKAATAATFGGSM LVLSGLILAGTVIALTVATPVLVIFSPVLVPAIALALMAAGFVTSGGLGVAALSVFSW MYKYLTGCHPPGADCLDHAKARLASCARDIKDAAQHCIDQAQGS
Molecular Mass	17 kDa
Purity	≥95% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from PBS, 0.05% Brij-78, 6% Trehalose, pH 7.4 The volume before lyophilization is 137 µL/vial.
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/-80 centigrade. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Official Symbol	ZmOleCys
Synonyms	ZmOleCys
SDS-PAGE	Observed band size: Monomer 17 kDa Dimer 34 kDa It is speculated that the protein forms a dimeric structure (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel. Boiling SDS-treated samples may result in membrane protein aggregation. Incubation at 37 centigrade for 10 min is an effective alternative.

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