

# Recombinant Soybean Oleosin Protein, N-10×His tagged

**Cat. No.** Oleosin-01S    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Soybean Oleosin Protein with N-10×His tag was expressed in E. coli.                                                                                     |
| <b>Species</b>          | Soybean                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                              |
| <b>Description</b>      | Oleosin is an important protein constituent of the oil body membrane.                                                                                               |
| <b>Molecular Mass</b>   | 17.3 kDa                                                                                                                                                            |
| <b>AA Sequence</b>      | MAELHYQPQHQPPLRYPNDPHQQTRSSSTHQVKAATAVTAGGSLILASLILAATVIA<br>LTIVTPLFVIFSPVLVPAVITVALLSLGFLASSGFGVAAITVLAWIYRYVTGKQPPGADQ<br>LDSARHKIMDKAREIKDYGQQQISGVQAS          |
| <b>Purity</b>           | ≥85% by SDS-PAGE                                                                                                                                                    |
| <b>Applications</b>     | MACLHYQPQHQPPLCYPNDPHQQTRSSSTHCVKAATAVTAGGSLILASLILAATVIA<br>LTIVTPLFVIFSPVLVPAVITVALLSLGFLASSGFGVAAITVLAWIYRYVTGKQPPGADC<br>LDSARHKIMDCAREIKDYGQCQISGVQAS          |
| <b>Storage</b>          | 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. |
| <b>Storage Buffer</b>   | Lyophilized from PBS, 0.05% Brij-78, 6% Trehalose, pH 7.4<br>The volume before lyophilization is 100µl/vial.                                                        |

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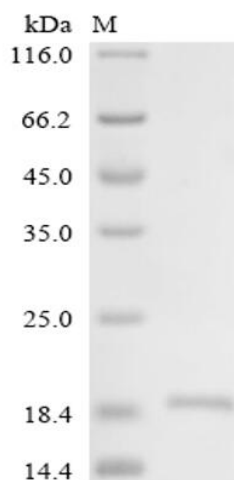
**Reconstitution**

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**

**Official Symbol** Oleosin

**Synonyms** Oleosin; OLE

**SDS-PAGE**


Reducing 15% SDS-PAGE of purified protein

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