

# Recombinant Full Length Oryza Sativa Subsp. Japonica V-Type Proton ATPase 16 Kda Proteolipid Subunit(Vatp-P1) Protein, His-Tagged

**Cat. No.** RFL36033OF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Oryza sativa subsp. japonica V-type proton ATPase 16 kDa proteolipid subunit(VATP-P1) Protein (Q0IUB5) (1-165aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Rice                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Full Length (1-165)                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                               |
| <b>AA Sequence</b>      | MSSVFSGDETAPFFGFLGAASALIFSCMGAAYGTAKSGVGVASMGVMRPELVMKSI<br>VPVV MAGVLGIYGLIIAVIISTGINPKAKPYLFDGYAHLSSGLACGLAGLAAGMAIGIV<br>GDAG VRANAQQPKLFVGMILILIFAEALALYGLIVGIILSSRAGQSRAD                   |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                      |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                              |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                   |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                       |                                             |
|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | 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**

VATP-P1

**Synonyms**

VATP-P1; Os11g0169900; LOC\_Os11g06890; OsJ\_031784; V-type proton ATPase 16 kDa proteolipid subunit; V-ATPase 16 kDa proteolipid subunit; Vacuolar proton pump 16 kDa proteolipid subunit

**UniProt ID**[Q0IUB5](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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