

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

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica V-type proton ATPase 16 kDa proteolipid subunit(VATP-P1) Protein (Q0IU85) (1-165aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
ProteinLength	Full Length (1-165)
Form	Lyophilized powder
AA Sequence	MSSVFSGDETAPFFGFLGAASALIFSCMGAAYGTAKSGVGVASMGVMRPELVMKSI VPVV MAGVLGIYGLIIAVIISTGINPKAKPYLFDGYAHLSSGLACGLAGLAAGMAIGIV GDAG VRANAQQPKLFVGMILILIFAEALALYGLIVGIILSSRAGQSRAD
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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 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](#)

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