

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Putative Ammonium Transporter 4 Member 1(Amt4-1) Protein, His-Tagged

Cat. No. RFL14141OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Putative ammonium transporter 4 member 1(AMT4-1) Protein (Q10CV4) (1-299aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-299)
Form	Lyophilized powder
AA Sequence	MAAEAAPEWVEKGDNAWPLAAATLVGLQSVPRLVILYGDCGAVGPRTEKDREAFP PNNVL LTLAGAGLLLWMGWTGFNGGAPYAANVDASVTVVNTHLCTATSLLVWLLL DSFVFGRLSV ISAVQGMITGLVCVTPAARLVLHKRSRLARVDDTLAVLHTHGVAGS LSGVLTGLLLLAE PRFARLFFGDDPRYVGLAYAVRDGRAGSGLRQVGVLGIAFV VALNVAVTSAVCLAVRV AVPQLAGGGDAIHGEDAYAVWGDGETYEQYSVHGGGS NHGGFPMTANPVASKADEMIWI
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.

 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

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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	AMT4-1
Synonyms	AMT4-1; Os03g0749000; Os03g0749050; LOC_Os03g53780; OSJNBa0069E14.17; Putative ammonium transporter 4 member 1; OsAMT4;1
UniProt ID	Q10CV4