

Ammonium transporter 1 member 2 (AMT1-2), Recombinant Protein

Cat *RP15334*

Size 1 mg (*E-Coli*)/ 1 mg (*Yeast*)

Species

Solanum lycopersicum (Tomato) (*Lycopersicon esculentum*)

Full Product Name

Recombinant *Solanum lycopersicum* Ammonium transporter 1 member 2 (AMT1-2), partial

Product Gene Name

AMT1-2 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MASAMTCSAA ELFPHLGSSA NATAAAEFIC SRFSADVSEYL TTTYAVDTT YLLFSAYLVF AMQLGFAMLC
AGSVRAKNTM NIMLTNVLDA AAGGFSYYLF GFAFAGAPS NGFIGKHFFG LKEFPSQAFD YSYFLYQWAF
AIAAAGITSG SIAERTQFVA YLIYSSFLTG FVYPIVSHWF WSGDGWASAS KTDGNLLLRG GVIDFAGSGV
VHVMGGIAGL WGAFIEGPRI GRFDRSGRSV ALRGHSASLV VLGTFLWFG WYGFNPGSFL TILKSYDHTI
RGTYYGQWSA IGRTAVTTTL AGCTAALTTL FCKRLLVAHW NVVDVCNGLL GGFAAITSGC AVVEPWAAIV
CGFIAAWVLI GFNALAAKLK YDDPLEAAQL HGGCGSWGII FTGLFAKKEY VNEVYPGFPN RPYGLFMGGG
GKLLGAQVIQ VVVIIGWVSV TMGPLFYLLH KFKLLRISR DETAGMDLTR HGGFAYIYHD EDEGSSMPGF
KMTRVEPTNT STPDHQNRSV NVVV

Sequence Positions

1-514

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E. coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

55,544 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Ammonium transporter

NCBI Accession

O04161.1

NCBI GI

3023281

NCBI Official Full Name

Ammonium transporter 1 member 2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Ammonium transporter 1 member 2 (AMT1-2), Recombinant Protein

Cat *RP15334*

Size *1 mg (E-Coli)/ 1 mg (Yeast)*

UniProt Gene Name

AMT1-2

UniProt Protein Name

Ammonium transporter 1 member 2

UniProt Synonym Protein Names

LeAMT1;2

UniProt Primary Accession

O04161

UniProt Comments

Ammonium transporter probably involved in ammonium uptake from the soil.

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