

Nucleobase-ascorbate transporter 4 (NAT4), Recombinant Protein

Cat *RP01350*

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

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Nucleobase-ascorbate transporter 4 (NAT4) , partial

Product Gene Name

NAT4 recombinant protein

Purity

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

Sequence

MATKTDDFAP FPKVDQLPGV EFCVSSSPNW PEGIVLGFQH YIVMLGTTVI IPSILVPLMG GGDVEKAEVI
NTVLFVSGIN TLLQSLFGSR LPVVMGASYA YLIPALYITF SYRFTYYLHP HLRFEETMRA IQGALIASI
SHMIMGFFGL WRILVRFLSP LSAAPLVILT GVGLLAFAP QLARCIEIGL PALIILILS QYLPHLFKCK
RSICEQFAVL FTIAIWAYA EILTAAGAYD KRPDNTQLSC RTDRSGLISA SPWVRIPYPL QWGRPSFHGS
DAFAMMAATY VAIVETTGSF IAASRFGSAT HIPPSVLSRG IGWQGIGVLL NGLFGTATGS TALVENTGLL
GLTKVGSRV VQISAGFMIF FSIFGKFGAV LASIPLPIFA ALYCVLFAYV ASAGLGLLQF CNLNSFRNKF
ILGFSIFIGL SVAQYFTEYL FISGRGPVHT RTSAFNVIMQ VIFSSAATVG IMAAFLDCT HSYGHASVRR
DSGRHWWEKF RVYHTDTRTE EFYALPYNLN RFFPSF

Sequence Positions

1-526

Format

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

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

57,818 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

Nucleobase-ascorbate transporter

NCBI Accession

NP_175418.1

NCBI GI

15222849

NCBI GenBank Nucleotide

NM_103883.2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Nucleobase-ascorbate transporter 4 (NAT4), Recombinant Protein

Cat *RP01350*

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

NCBI GeneID

841419

NCBI Official Full Name

Xanthine/uracil permease family protein

NCBI Official Symbol

AT1G49960

NCBI Official Synonym Symbols

F2J10.15; F2J10_15

NCBI Protein Information

Xanthine/uracil permease family protein

UniProt Gene Name

NAT4

UniProt Synonym Gene Names

AtNAT4; AtPER

UniProt Protein Name

Nucleobase-ascorbate transporter 4

UniProt Primary Accession

P93039

UniProt Secondary Accession

Q93ZL2; Q9LPM0

UniProt Related Accession

P93039

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