

Nucleobase-ascorbate transporter 3 (NAT3), Recombinant Protein

Cat *RP03455*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Nucleobase-ascorbate transporter 3 (NAT3) , partial

Product Gene Name

NAT3 recombinant protein

Product Synonym Gene Name

NAT3

Purity

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

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

60,170 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_180219.1

NCBI GI

15225319

NCBI GenBank Nucleotide

NM_128208.5

NCBI GeneID

817192

NCBI Official Full Name

Xanthine/uracil permease family protein

NCBI Official Symbol

PDE135

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Nucleobase-ascorbate transporter 3 (NAT3), Recombinant Protein

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NAT3; nucleobase ascorbate transporter 3; pigment defective embryo 135; T9J22.18; T9J22_18

NCBI Protein Information

Xanthine/uracil permease family protein

NCBI Summary

Encodes a plasma-membrane localized nucleobase transporter capable of transporting adenine, guanine, uracil and hypoxanthine. Likely to be a proton-nucleobase symporter.

UniProt Gene Name

NAT3

UniProt Synonym Gene Names

AtNAT3

UniProt Protein Name

Nucleobase-ascorbate transporter 3

UniProt Primary Accession

Q8GZD4

UniProt Secondary Accession

O48718

UniProt Related Accession

Q8GZD4

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