

Nudix hydrolase 4 (NUDT4), Recombinant Protein

Cat RP04795

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Nudix hydrolase 4 (NUDT4)

Product Gene Name

NUDT4 recombinant protein

Product Synonym Gene Name

NUDT4

Purity

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

Sequence

MTGFSVSLFV SNLSNVASYL SPIFENIPST KVVPAQIEKV VSLVSRTRGRD LQRYDHAGYR QVVGCVPYRY
KKQEVNGVET QVIQVLLVSA QKGKGMLFPK GGWETDESME EAALREITIEE AGVTGELEEK LGKWQYKSKR
HSIIHDGYMF ALLVSQEFER WPEAEMRQRR WVSLDEAREV CQNWWMREAL EAFINLKCLA DDESGN

Sequence Positions

1-207, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

23,701 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

Nudix hydrolase

NCBI Accession

NP_173266.1

NCBI GI

15221055

NCBI GenBank Nucleotide

NM_101688.3

NCBI GeneID

838410

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Nudix hydrolase 4 (NUDT4), Recombinant Protein

Cat *RP04795*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)
nudix hydrolase homolog 4

NCBI Official Full Name

NCBI Official Symbol

NUDT4

NCBI Official Synonym Symbols

atnudt4; F15H18.18; nudix hydrolase homolog 4

NCBI Protein Information

nudix hydrolase homolog 4

UniProt Gene Name

NUDT4

UniProt Synonym Gene Names

NUDX4; AtNUDT4

UniProt Protein Name

Nudix hydrolase 4

UniProt Synonym Protein Names

ADP-ribose pyrophosphatase (EC:3.6.1.13); NADH pyrophosphatase (EC:3.6.1.22)

UniProt Primary Accession

Q9LE73

UniProt Secondary Accession

Q0WU23

UniProt Related Accession

Q9LE73

UniProt Comments

Probably mediates the hydrolysis of some nucleoside diphosphate derivatives. In vitro, it can use both NADH and ADP-ribose as substrates; however the relevance of such substrates in vivo is unclear.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY