

Nudix hydrolase 5 (NUDT5), Recombinant Protein

Cat *RP05493*

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

mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 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 5 (NUDT5)

Product Gene Name

NUDT5 recombinant protein

Product Synonym Gene Name

NUDT5

Purity

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

Sequence

MGLTKNFAFL VFCCQRYCSM DGEAFEISLL DGEEDRFGGT VVNLMEVESM TIGDFDSKLD VSLKAWKDQG
KKGIWIKLPS ELSSLVDTAI KKGFTYHHAE NEYVMLTFWL PEPPSTLPCN ASHRIGIGAF VLNKNGEMLV
VQENSGYFKD KNVWKVPTGT IKEGESIWAG AVREVKEETD IDAEFVEVLS FMESHQAVWQ RKTDIFFVCE
LEARTFEIQK QDSEIHAAKW MPVEEYVNQP YHNKEGNEMF KLIANICLKR SREKYTGfVL TTNSAKKSLY
CSVDHANLLK ETADQASTSL SD

Sequence Positions

1-302, 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

34,294 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_001324657.1

NCBI GI

1063700023

NCBI GenBank Nucleotide

NM_001335236.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

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

NCBI GeneID

814983

NCBI Official Full Name

nudix hydrolase homolog 5

NCBI Official Symbol

NUDT5

NCBI Official Synonym Symbols

atnudt5; nudix hydrolase homolog 5; T1O3.16; T1O3_16

NCBI Protein Information

nudix hydrolase homolog 5

UniProt Gene Name

NUDT5

UniProt Synonym Gene Names

NUDX5; AtNUDT5

UniProt Protein Name

Nudix hydrolase 5

UniProt Primary Accession

Q9SJC6

UniProt Secondary Accession

Q6NNG2; F4IV87

UniProt Related Accession

Q9SJC6

UniProt Comments

Probably mediates the hydrolysis of some nucleoside diphosphate derivatives.

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