

## Nudix Type Motif 16 Recombinant Protein | NUDT16 recombinant protein

Recombinant Human Nudix Type Motif 16

CATALOG #  
**AAA38872**

HOST  
**E Coli**

### PRODUCT SYNONYMS

Nudix Type Motif 16; Recombinant Human Nudix Type Motif 16; NUDT16 Human; Nudix Type Motif 16 Human Recombinant; Nudix (nucleoside diphosphate linked moiety X)-Type Motif 16; FLJ31265; FLJ34034; FLJ36248; U8 snoRNA-binding protein H29K; U8 snoRNA-decapping enzyme; NUDT16 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                                                                                                 |
| Purity/Purification     | Greater than 95% as determined by SDS-PAGE.                                                                                                                                                                                                            |
| Form/Format             | The NUDT16 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% glycerol.<br>Sterile Filtered clear solution.                                                                                          |
| Sequence                | MGSSHHH HHHSSGLVPR GSHMAG ARRLELGEAL ALGSGWRHAC HALLYAPDPG MLFGRIPLRY<br>AILMQMRFDG RLGFPGGFVD TQDRSLEDGL NRELREELGE AAAAFRVERT DYRSSHVGSG PRVVAHFYAK<br>RLTLEELLAV EAGATRAKDH GLEVLGLVRV PLYTLRDGVG GLPTFLENSF IGSAREQLLE ALQDLGLLQS<br>GSISGLKIPA HH |
| Sequence Length         | 159                                                                                                                                                                                                                                                    |
| Preparation and Storage | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles                                                                                                          |

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for NUDT16 recombinant protein | Description: NUDT16 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 215 amino acids (1-195a.a.) and having a molecular mass of 23.4kDa. NUDT16 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Product Categories/Family for NUDT16 recombinant protein   | <a href="#">Enzymes</a> ; <a href="#">Nudix Type Motif</a>                                                                                                                                                                                                                           |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 285026437                                                                                                                  |
| NCBI GeneID                      | 131870                                                                                                                     |
| NCBI Accession #                 | <a href="#">NP_001165376.1</a>                                                                                             |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001171905.1</a>                                                                                             |
| UniProt Accession #              | <a href="#">Q96DE0</a> ; <a href="#">Q96N82</a> ; <a href="#">B4E3B4</a> ; <a href="#">E9PED4</a> ; <a href="#">F5GYJ1</a> |
| NCBI Official Full Name          | U8 snoRNA-decapping enzyme isoform 3                                                                                       |
| NCBI Official Synonym Full Names | nudix (nucleoside diphosphate linked moiety X)-type motif 16                                                               |
| NCBI Official Symbol             | NUDT16                                                                                                                     |

|                                   |                                                                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Protein Information</b>   | U8 snoRNA-decapping enzyme; IDP phosphatase; IDPase; U8 snoRNA-binding protein H29K; inosine diphosphate phosphatase; m7GpppN-mRNA hydrolase; nucleoside diphosphate-linked moiety X motif 16; nudix motif 16 |
| <b>UniProt Protein Name</b>       | U8 snoRNA-decapping enzyme                                                                                                                                                                                    |
| <b>UniProt Gene Name</b>          | <b>NUDT16</b>                                                                                                                                                                                                 |
| <b>UniProt Synonym Gene Names</b> | IDPase; Nudix motif 16                                                                                                                                                                                        |
| <b>UniProt Entry Name</b>         | NUD16_HUMAN                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nudt16-recombinant-protein-e-coli/38872>