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Datasheet for ABIN2727757 NUDT2 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Overview

Image

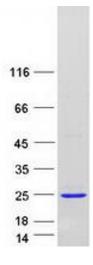
| Quantity: | 20 µg |
|-------------------------------|---|
| Target: | NUDT2 |
| Protein Characteristics: | Transcript Variant 2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This NUDT2 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |
| Product Details | |
| Characteristics: | Recombinant human NUDT2 / APAH1 (transcript variant 2) protein expressed in HEK293 cells. |
| | Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
| Target Details | |

| Target: | NUDT2 |
|-------------------|--|
| Alternative Name: | Nudt2,apah1 (NUDT2 Products) |
| Background: | This gene encodes a member of the MutT family of nucleotide pyrophosphatases, a subset of |
| | the larger NUDIX hydrolase family. The gene product possesses a modification of the $MutT$ |
| | sequence motif found in certain nucleotide pyrophosphatases. The enzyme asymmetrically |

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| | hydrolyzes Ap4A to yield AMP and ATP and is responsible for maintaining the intracellular level |
|---------------------|---|
| | of the dinucleotide Ap4A, the function of which has yet to be established. This gene may be a |
| | candidate tumor suppressor gene. Alternative splicing has been observed at this locus and four |
| | transcript variants, all encoding the same protein, have been identified. |
| Molecular Weight: | 16.6 kDa |
| NCBI Accession: | NP_671701 |
| Application Details | |
| Application Notes: | Recombinant human proteins can be used for: |
| | Native antigens for optimized antibody production |
| | Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |
| Handling | |
| Concentration: | 50 μg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Images



Western Blotting

Image 1. Validation with Western Blot

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