

## Recombinant Human NUDT2, GST-tagged

**Cat. No.** NUDT2-1404H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NUDT2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-149aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NUDT2 nudix (nucleoside diphosphate linked moiety X)-type motif 2 [ Homo sapiens ]                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | NUDT2                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | NUDT2; nudix (nucleoside diphosphate linked moiety X)-type motif 2; APAH1; bis(5-nucleosyl)-tetraphosphatase [asymmetrical]; Ap4A hydrolase 1; Ap4Aase; bis(5-nucleosyl) tetraphosphatase (asymmetrical); diadenosine 5; 5 P1; P4 tetraphosphate pyrophosphohydrolase; diadenosine tetraphosphatase; nudix motif 2; nucleoside |

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|                            |                                                                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | diphosphate-linked moiety X motif 2; bis(5-nucleosyl)-tetrphosphatase (asymmetrical); diadenosine 5,5-P1,P4-tetrphosphatase pyrophosphohydrolase; diadenosine 5,5-P1,P4-tetrphosphatase asymmetrical hydrolase; MGC10404; |
| <b>Gene ID</b>             | <a href="#">318</a>                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>         | <a href="#">NM_001161</a>                                                                                                                                                                                                 |
| <b>Protein Refseq</b>      | <a href="#">NP_001152</a>                                                                                                                                                                                                 |
| <b>MIM</b>                 | <a href="#">602852</a>                                                                                                                                                                                                    |
| <b>UniProt ID</b>          | <a href="#">P50583</a>                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 9p13                                                                                                                                                                                                                      |
| <b>Pathway</b>             | Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;                                   |
| <b>Function</b>            | GTP binding; bis(5-nucleosyl)-tetrphosphatase (asymmetrical) activity; bis(5-nucleosyl)-tetrphosphatase (symmetrical) activity; hydrolase activity; nucleotide binding;                                                   |