

Recombinant Human NUDT2 Protein, C-Myc/DDK-tagged

Product Information

Cat	IMP-7201
Official Symbol	Nudt2
Product Overview	Recombinant protein of human nudix (nucleoside diphosphate linked moiety X)-type motif 2 (NUDT2), transcript variant 2 with a C-Myc/DDK tag was expressed in HEK293T.
Description	<i>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 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. [provided by RefSeq, Sep 2011]</i>
Expression System	HEK293T
Species	Human
Tag	C-Myc/DDK
Form	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
Molecular Mass	16.6 kDa
AA Sequence	MALRACGLIIFRRCLIPKVDNNAIEFLLLQASDGIHHWTPPKGHVEPGEDD LETALRETQEEAGIEAGQLTIIIEGFKRELNIVARNKPKTVIYWLAEVKDYD VEIRLSHEHQAYRWLGLEEACQLAQFKEMKAALQEGHQFLCSIEATRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 50 µg/mL as determined by microplate BCA method.
SDS-PAGE	

