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## Datasheet for ABIN2727761 NUDT4 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Overview

Image

Overview	
Quantity:	20 µg
Target:	NUDT4
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUDT4 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human NUDT4 / DIPP2 (transcript variant 1) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	NUDT4
Alternative Name:	Nudt4,dipp2 (NUDT4 Products)
Background:	The protein encoded by this gene regulates the turnover of diphosphoinositol polyphosphates.

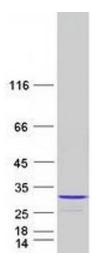
The turnover of these high-energy diphosphoinositol polyphosphates represents a molecular

switching activity with important regulatory consequences. Molecular switching by

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## Target Details

	diphosphoinositol polyphosphates may contribute to regulating intracellular trafficking. Several
	alternatively spliced transcript variants have been described, but the full-length nature of some
	variants has not been determined. Isoforms DIPP2alpha and DIPP2beta are distinguishable
	from each other solely by DIPP2beta possessing one additional amino acid due to intron
	boundary skidding in alternate splicing.
Molecular Weight:	20.1 kDa
NCBI Accession:	NP_061967
Pathways:	Inositol Metabolic Process
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.



Western Blotting

Image 1. Validation with Western Blot

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