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Product Information

MemDX™ Membrane Protein Human NUDT9 (Nudix hydrolase 9) for Antibody Discovery

Cat. No.: **MP0819X**
This product is for research use only and is not intended for diagnostic use.

This product is a 65.5 kDa Human NUDT9 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
NUDT9

Protein Length
Full-length

Molecular Weight
65.5 kDa

Sequence
MAGRLLGKALAAVSLSLALASVTIRSSRCRGIQAFRNSFSSSWFHLNTNVMSGSNGSKENSHNKARTSPYPGSKVERSQVPNEKV

Product Description

Application
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems
in vitro wheat germ expression system

Tag
GST-tag at N-terminal

Form
Liquid

Purification
Glutathione Sepharose 4 Fast Flow

Buffer
50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

NUDT9

Full Name

Nudix hydrolase 9

Introduction

The protein encoded by this gene belongs to the Nudix hydrolase family. Nudix boxes are found in a family of diverse enzymes that catalyze the hydrolysis of nucleoside diphosphate derivatives. This enzyme is an ADP-ribose pyrophosphatase that catalyzes the hydrolysis of ADP-ribose to AMP and ribose-5-P. It requires divalent metal ions and an intact Nudix motif for enzymatic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

NUDT10; ADP-ribose pyrophosphatase, mitochondrial; ADP-ribose diphosphatase; ADP-ribose phosphohydrolase; ADP-ribose pyrosphosphatase NUDT9; ADPR-PPase; adenosine diphosphoribose pyrophosphatase; nucleoside diphosphate linked moiety X-type motif 9; nudix (nucleoside diphosphate linked moiety X)-type motif 9

Gene ID

53343

UniProt ID

Q9BW91

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