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Datasheet for ABIN7504487  
**NUDT5 Protein (AA 1-219) (His tag)**

### Overview

Quantity:	100 µg
Target:	NUDT5
Protein Characteristics:	AA 1-219
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUDT5 protein is labelled with His tag.

### Product Details

Purpose:	Human NUDT5 Protein
Sequence:	Met1-Phe219
Characteristics:	Recombinant Human NUDT5 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Met1-Phe219.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	NUDT5
Alternative Name:	NUDT5 ( <a href="#">NUDT5 Products</a> )

## Target Details

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**Background:** NUDIX hydrolase type 5 (NUDT5) is a kind of ADP-ribose pyrophosphatase and nucleotide metabolizing enzyme in cell metabolism. NUDT5 expression affected chromosome remodeling, involved in cell adhesion, cancer stem cell maintenance and epithelial to mesenchyme transition in breast cancer cells.

**Molecular Weight:** 25.29 kDa. The protein migrates to 30-35 kDa based on Tris-Bis PAGE result.

**UniProt:** [Q9UUK9](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C,-80 °C

**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months