



# Recombinant Human Diphosphoinositol polyphosphate phosphohydrolase 2 (NUDT4)

<b>Product Code</b>	CSB-EP865192HU
<b>Abbreviation</b>	NUDT4
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NZJ9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MMKFKPNQTR TYDREGFKKR AACLCFRSEQ EDEVLLVSSS RYPDQWIVPG GGMEPEEEEPG GAAVREYEE AGVKGKLGRL LGIFENQDRK HRTYVYVLTV TEILEDWEDS VNIGRKREWF KVEDAIKVLQ CHKPVHAEYL EKLKLGCSPA NGNSTVPSLP DNNALFVTAA QTSGLPSSVR
<b>Source</b>	E.coli
<b>Target Names</b>	NUDT4
<b>Protein Names</b>	Recommended name: Diphosphoinositol polyphosphate phosphohydrolase 2 Short name= DIPP-2 EC= 3.6.1.52 Alternative name(s): Diadenosine 5',5'''-P1,P6-hexaphosphate hydrolase 2 EC= 3.6.1.- Nucleoside diphosphate-linked moiety
<b>Expression Region</b>	1-180
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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