



[Go to Product page](#)

Datasheet for ABIN7491582  
**CD39 Protein**

### Overview

Quantity:	100 µg
Target:	CD39 (ENTPD1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic

### Product Details

Purpose:	Human ENTPD1 full length protein-synthetic nanodisc
Characteristics:	Full Length Transmembrane Proteins (synthetic Nanodisc)

### Target Details

Target:	CD39 (ENTPD1)
Alternative Name:	ENTPD1 ( <a href="#">ENTPD1 Products</a> )
Background:	ATPDase, CD39, NTPDase-1, SPG64 Description: The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]
Molecular Weight:	The human full length ENTPD1 protein has a MW of 58 kDa
UniProt:	<a href="#">P49961</a>

## Application Details

---

Application Notes:	<ul style="list-style-type: none"><li>• Applications for VLPs:</li><li>• ELISA</li><li>• SPR affinity analysis</li><li>• Phage display screening</li><li>• Immunization</li><li>• Cell based assays</li><li>• CAR-T cell screening</li><li>• Protein crystal structure analysis</li></ul>
--------------------	---

---

Comment:	Synthetic Nanodisc can be prepared directly from the cells. The polymers used during this process have a dual function. It dissolves the cell membranes, like the detergent, and uses cellular phospholipids to form Nanodisc around the membrane proteins. The target protein embedded Nanodiscs can then be purified.
----------	---

---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

---

Format:	Liquid
Buffer:	Supplied in nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0)
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months