



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Data Sheet

### CD73, Avi-His-Tag, Biotin Labeled

Human, Recombinant, C-terminal Avi-His-tag,  
Biotin-Labeled

**Catalog #:** 79127

**Lot #:** 170817

**Conc.:** 0.36 mg/ml

**Formulated in:** 8 mM phosphate, pH 7.4,  
110 mM NaCl, 2.2 mM KCl and 20% glycerol

**Stability:** At least 6 months at  $-80^{\circ}\text{C}$ . *Avoid freeze/thaw cycles. Storing diluted protein is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

**References:**

1. Deaglio, S. *et al.*, *J. Exp. Med.* 2007; **204(6)**: 1257-1265.
2. Thompson, L.F., *et al.*, *J. Exp. Med.* 2004; **200(11)**: 1395-1405.

**Description:** Human CD73, also known as 5'-nucleotidase and Ecto-5'-nucleotidase, GenBank Accession No. NM\_002526, a.a. 27-547 with C-terminal Avi-His-tag, expressed in a HEK293 cell expression system. This protein is enzymatically biotinylated using AviTag™ technology. MW = 61 kDa.

**Specific Activity:** >20 nmol/min/μg

**Assay Conditions:** Experiment ran according to CD73 colorimetric protocol (15 min incubation at  $37^{\circ}\text{C}$ ). Phosphate standard (from Enzo #BML-AK111) was used at 100 μM serially diluted half-fold down the plate. CD73 [B] used at 0.3 ng/μl and serially diluted half-fold.

**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

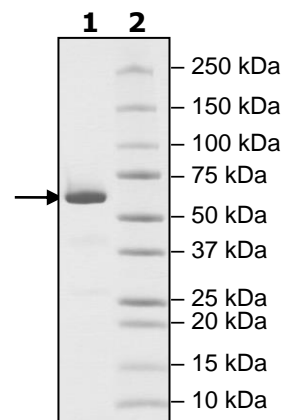
### Quality Assurance

**4-20% SDS-PAGE  
Coomassie staining**

**Lane 1:**  
2.5 μg CD73

**Lane 2:**  
Protein Marker

**MW:** 61 kDa  
**Purity:** ≥90%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.202.1401** Fax **1.858.481.8694**

Or you can Email us at: [info@bpsbioscience.com](mailto:info@bpsbioscience.com)

Please visit our website at: [www.bpsbioscience.com](http://www.bpsbioscience.com)