



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

www.szabo-scandic.com

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

Datasheet

NT5E (Human) Recombinant Protein

Catalog Number: P10002

Regulation Status: For research use only (RUO)

Product Description: Human NT5E (P21589-1, Trp27-Lys547) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.

Sequence: Trp27-Lys547

Host: Human

Theoretical MW (kDa): 84.5 kDa
Due to g

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (HEK293)
expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95%
as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein
(determined by LAL method)

Recommend Usage: Biological Activity

ELISA

Tris-Bis PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: Lyophilized from filtered solution in 20
mM Tris, 120 mM NaCl, pH 7.5 (5% trehalose).

Storage Instruction: After reconstitution with deionized
water to a final concentration more than 100 ug/ml, store
at 4°C for 1 week. For long term storage, store at -80°C
for 1 year.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4907

Gene Symbol: NT5E

Gene Alias: CD73, E5NT, NT, NT5, NTE, eN, eNT

Gene Summary: Ecto-5-prime-nucleotidase (5-prime-
ribonucleotide phosphohydrolase; EC 3.1.3.5) catalyzes
the conversion at neutral pH of purine 5-prime
mononucleotides to nucleosides, the preferred substrate
being AMP. The enzyme consists of a dimer of 2
identical 70-kD subunits bound by a glycosyl
phosphatidyl inositol linkage to the external face of the
plasma membrane. The enzyme is used as a marker of
lymphocyte differentiation. Consequently, a deficiency of
NT5 occurs in a variety of immunodeficiency diseases
(e.g., see MIM 102700, MIM 300300). Other forms of
5-prime nucleotidase exist in the cytoplasm and
lysosomes and can be distinguished from ecto-NT5 by
their substrate affinities, requirement for divalent
magnesium ion, activation by ATP, and inhibition by
inorganic phosphate.[supplied by OMIM]