



# SZABO SCANDIC

Part of Europa Biosite

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Zellkultur & Verbrauchsmaterial



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Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### Adenosine Deaminase (ADA)

Recombinant, N-terminal His tag

**Catalog #:** 70016

**Lot#:** 120117      **Conc.:** 0.6 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 200 mM imidazole, and 20% glycerol.

**Stability:** >6 months at -80 °C

**References:**

1. Daddona, PE, *et al.*, *J Biol Chem.* 1984 Oct 10; **259(19)**:12101-6.
2. Wang, H., *et al.*, *Heart Lung.* 2012 Jan-Feb; **41(1)**:70-5.

**Description:**

Recombinant *S. putrefaciens* adenosine deaminase, or ADA, (GenBank Accession No. CP000681) amino acids 2 – 331 (end) with N-terminal His tag, MW= 37 kDa, expressed in an *E. coli* expression system.

**Application:**

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

### Quality Assurance

**10% SDS-PAGE  
Coomassie staining**

**Lane 1:**

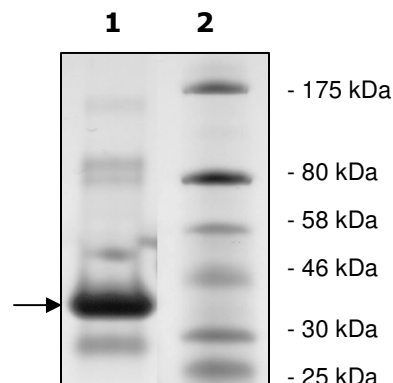
6 µg ADA

**Lane 2:**

Protein Marker  
BioLabs (#P7708L)

**MW:** 37 kDa

**Purity:** ≥60%



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**Protein Sequence:**

**MHHHHHH**IDTSIPLVDLHRHLDGNVRVNTIWELGHQHGIALPADSLETLAPFVQIQGKE  
TSLVAFLLKLDWMVAVLADLDAVKRVAYENVADAALSGLDYAELRFSPYYMAMNHK  
LPIEGVVEAVVDGKAGLKDYNVKNLIGIMSRSGQAQACTQELEGLLAHKQHLVAMD  
LAGDELGFPGELFNDHFKRVRDAGLAITAHAGEAAGSQSMWQAIQELGATRIGHGVN  
AIHDPKLMEYLAKHRIGIESCPTSNLHTSTVVSYAEHPFRTFMDAGVLISLNTDDPGVS  
AIDIKHEYRIAKSELKLTDAELARVQRNGVEMAFLLSDSERKALYAAKI

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