



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### IDE

Human, recombinant, N-terminal His-tag

**Catalog #:** 70002

**Lot #:** 140805

**Conc.:** 0.84 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol, 3 mM DTT, and 105 mM imidazole

**Stability:** >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. Farris, W., et al., *Proc. Natl. Acad. Sci. (USA)*. 2003; **100(7)**: 4162-4167.
2. Qiu, W.Q., et al., *J. Biol. Chem.* 1998; **273**: 32730-32738.

**Description:** Human insulin-degrading enzyme (IDE), also known as insulysin, Abeta-degrading protease, insulin protease, and insulinase, GenBank Accession No. NM\_004969, a.a. 42-1019(end) with N-terminal His-tag, expressed in a Baculovirus Sf9 cell expression system. MW = 114 kDa.

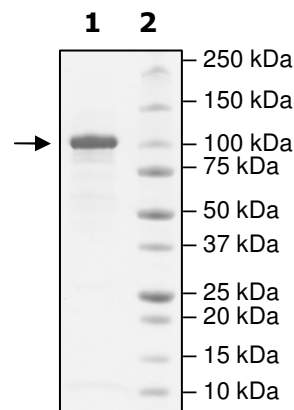
**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

### Quality Assurance

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

**Lane 1:**  
3.7  $\mu\text{g}$  IDE  
**Lane 2:**  
Protein Marker

**Purity:**  $\geq 80\%$   
**MW:** 114 kDa



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