



# 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

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## Datasheet

### IDS (Human) Recombinant Protein (P01)

**Catalog Number:** H00003423-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human IDS full-length ORF (AAH06170, 1 a.a. - 312 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPPPRTRGRLWLGLVLSSVCVALGSETQANSTTDAL  
NVLIIVDDLRLPSLGCYGDKLVRSPNIDQLASHLLFQN  
AFAQQAVCAPSRVSFLTGRRPDTRLYDFNSYWRVH  
AGNFSTIPQYFKENGYVTMSVGKVFHPGISSNHTDDS  
PYSWSFPPYHPSSEKYENTKTCRGPDGELHANLLCPV  
DVLDPVPEGLPDKQSTEQAIQLLEKMKTSASPFFLAVG  
YHKPHIPFRYPKEFQKLYPLENITLAPDPEVPDGLPPVA  
YNPWMDIRQREDVQALNISVPYGPIPVDFQEDQSSTG  
FRLKTSSTRKYK

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 60.06

**Interspecies Antigen Sequence:** Mouse (88)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3423

**Gene Symbol:** IDS

**Gene Alias:** MPS2, SIDS

**Gene Summary:** Iduronate-2-sulfatase is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations in this X-chromosome gene that result in enzymatic deficiency lead to the sex-linked Mucopolysaccharidosis Type II, also known as Hunter Syndrome. Iduronate-2-sulfatase has a strong sequence homology with human arylsulfatases A, B, and C, and human glucosamine-6-sulfatase. A splice variant of this gene has been described. [provided by RefSeq]