



# 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

### DDB2 (Human) Recombinant Protein (Q02)

**Catalog Number:** H00001643-Q02

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

**Product Description:** Human DDB2 partial ORF ( NP\_000098.1, 332 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

RHFQHLTPIKAAWHPRYNLIVGRYPDPNFKSCTPYEL  
RTIDVFDGNSGKMMCQLYDPESGSSLNNEFNPMGDT  
LASAMGYHILIWSQEEARTRK

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

**Theoretical MW (kDa):** 36.3

**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:** 1643

**Gene Symbol:** DDB2

**Gene Alias:** DDBB, FLJ34321, UV-DDB2

**Gene Summary:** This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates

the ubiquitylation of histones H3 and H4, which facilitates the cellular response to DNA damage. This subunit appears to be required for DNA binding. Mutations in this gene cause xeroderma pigmentosum complementation group E, a recessive disease that is characterized by an increased sensitivity to UV light and a high predisposition for skin cancer development, in some cases accompanied by neurological abnormalities. [provided by RefSeq]