



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### CBR3 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00000874-Q01

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

**Product Description:** Human CBR3 partial ORF ( NP\_001227, 180 a.a. - 277 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

KNEVHEREGWPNSPYGVSKLGVTVLSRILARRLDEKR  
KADRILVNACCPGPVKTDMDGKDSIRTVEEGAETPVYL  
ALLPPDATEPQGQLVHDKVVQNW

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

**Theoretical MW (kDa):** 36.52

**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:** 874

**Gene Symbol:** CBR3

**Gene Alias:** SDR21C2, hCBR3

**Gene Summary:** Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3

contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1. [provided by RefSeq]

**References:**

1. Naturally Occurring Variants of Human CBR3 Alter Anthracycline In Vitro Metabolism. Bains OS, Karkling MJ, Lubieniecka JM, Grigliatti TA, Reid RE, Riggs KW. J Pharmacol Exp Ther. 2010 Mar;332(3):755-63. Epub 2009 Dec 9.