



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### AMACR (Human) Recombinant Protein (P01)

**Catalog Number:** H00023600-P01

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

**Product Description:** Human AMACR full-length ORF (AAH09471, 1 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MALQGISMELSGLAPGPFAMVLADFGARVVRVDRP  
GSRVDVSRGKRSVLVLDLQPRGAALRRLCKRS  
DVLLEPFRGVMKQLQPEILQRENPLIYARLSGFG  
QSGSFCRLAGHDINYLALSGGRNSMFKFFSVENSEIES  
VGSTSRTEHVGWWSTFLYDLQDSRWGIHGCWSNRT  
PVLRAADQRTWTKV

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

**Theoretical MW (kDa):** 47.52

**Interspecies Antigen Sequence:** Mouse (72); Rat (74)

**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:** 23600

**Gene Symbol:** AMACR

**Gene Alias:** RACE

**Gene Summary:** Alpha-methylacyl-CoA racemase is responsible for the conversion of pristanoyl-CoA and C27-bile acyl-CoAs to their (S)-stereoisomers, which are the only stereoisomers that can be degraded via peroxisomal beta-oxidation.[supplied by OMIM]

**References:**

1. Semen AMACR protein as a novel method for detecting prostate cancer. Etheridge T, Straus J, Ritter MA, Jarrard DF, Huang W. Urol Oncol. 2018 Dec;36(12):532.e1-532.e7. doi: 10.1016/j.urolonc.2018.09.010. Epub 2018 Oct 15.