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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

AKR1C2 (Human) Recombinant Protein (P01)

Catalog Number: H00001646-P01

Regulation Status: For research use only (RUO)

Product Description: Human AKR1C2 full-length ORF (AAH07024, 1 a.a. - 323 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MDSKYQCVKLNDGHFMPVLGFGTYAPAEVPSKALE
AVKLAIEAGFHHIDSAHVYNNEEQVGLAIRSKIADGSVK
REDIFYTSKLWSNSHRPELVVPALERSLKNLQLDYVDL
YLIHFPVSVKPGEEVIPKDENGKILFDTVDLCATWEAM
EKCKDAGLAKSIGVSNFNHRLLEMILNKPLKYKPVCN
QVECHPYFNQRKLLDFCKSKDIVLVAYSALGSHREEP
WVDPNSPVLLEDVPCALAKKHKRTPALIALRYQLQRG
VVVLAKSYNEQRIRQNVQVFEFQLTSEEMKAIDGLNR
NVRYLTLDFAGPPNYPFSDEY
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.16

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: 1646

Gene Symbol: AKR1C2

Gene Alias: AKR1C-pseudo, BABP, DD, DD2, DDH2,

HAKRD, HBAB, MCDR2

Gene Summary: This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. [provided by RefSeq]