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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACR (Human) Recombinant Protein (P01)

Catalog Number: H00000049-P01

Regulation Status: For research use only (RUO)

Product Description: Human ACR full-length ORF (AAI11594.1, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVEMLPTAILLVLAHSVVAKDNATCDGPCGLRFRQNP
QGGVRIVGGKAAQHGAWPMMVSLQIFTYNHRYHTC
GGSLLNSRWVLTAAHCFVKGKNNVHDWRLVFGAKEITY
GNNKPKAPLQERYVEKIIIHEKYNSATEGNDIALVEITP
PISCGRFIPGCLPHFKAGLPRGSQSCWVAGWGYIEE
KAPRPSSILMEARVDLIDLDCNSTQWYNGRVQPTNV
CAGYPVGKIDTCQGDSSGGLMCKDSKESAYVVVGITS
WGVGCARAKRPGIYTATWPYLNWIASKIGSNALRMIQ
SATPPPTTRPPPIRPPFSPHISAHLPWYFQPPRPLP
PRPPAAQPRPPPSPPPPPPPPASPLPPPPPPPPPTPS
STTKLPQGLSFAKRLQQLIEVLKGTYSKGKNHYDME
TTELPSTSTS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 73.26

Interspecies Antigen Sequence: Mouse (69); Rat (69)

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: 49

Gene Symbol: ACR

Gene Alias: -

Gene Summary: Acrosin is the major proteinase present in the acrosome of mature spermatozoa. It is a typical serine proteinase with trypsin-like specificity. It is stored in the acrosome in its precursor form, proacrosin. The active enzyme functions in the lysis of the zona pellucida, thus facilitating penetration of the sperm through the innermost glycoprotein layers of the ovum. The mRNA for proacrosin is synthesized only in the postmeiotic stages of spermatogenesis. In humans proacrosin first appears in the haploid spermatids. [provided by RefSeq]