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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CRAT (Human) Recombinant Protein (P01)

Catalog Number: H00001384-P01

Regulation Status: For research use only (RUO)

Product Description: Human CRAT full-length ORF (NP_000746.2, 1 a.a. - 626 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLAFAARTVVKPLGFLKPFSLMKASSRFKAHQDALPR
LPVPLQQSLDHYLKALQPIVSEEEWAHTKQLVDEFQ
ASGGVGERLQKGLERRARKTENWLSEWWLKTAYLQY
RQPVVIYSSPGVMLPKQDFVDLQGQLRFAAKLIEGVLD
FKVMIDNETLPVEYLGKPLCMNQYYQILSSCRVPGP
KQDTVSNFSKTKKPPHITVVHNYQFFELDVYHSDGTP
LTADQIFVQLEKIWNSSLQTNKEPVGILTSNHRNSWAK
AYNTLIKDKVNRDSVRSIQKSIFTVCLDATMPRVSEDEV
YRSHVAGQMLHGGSRLNSGSRWFDKTLQFIVAEDG
SCGLVYEHA AAAEGPPIVTLDDYVIEYTKKPELVRSPMV
PLPMPKKLRFNITPEIKSDIEKAKQNLSIMIQLDITVMV
FHHFGKDFPKSEKLSPDAFIQMALQLAYYRIYGQACAT
YESASLRMFHLGRDTIRSASMSLTFVKAMDDSSVT
EHQKVELLRKAVQAHRGYTDRAIRGEAFDRHLLGLKL
QAIEDLVSMDFMDSYAIAMHFHLSTSQVPAKTDCV
MFFGPVVPDGYGVCYNPMEAHINFSL SAYNSCAETNA
ARLAHYLEKALLDMRALLQSHPRAKL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 97.3

Interspecies Antigen Sequence: Mouse (91); Rat (91)

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: 1384

Gene Symbol: CRAT

Gene Alias: CAT1

Gene Summary: This gene encodes carnitine acetyltransferase (CRAT), which is a key enzyme in the metabolic pathway in mitochondria, peroxisomes and endoplasmic reticulum. CRAT catalyzes the reversible transfer of acyl groups from an acyl-CoA thioester to carnitine and regulates the ratio of acylCoA/CoA in the subcellular compartments. Alternate splicing results in multiple transcript variants; additional transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]