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Datasheet for ABIN1674572 CRAT Protein (AA 1-626) (His tag)

Overview

Quantity:	1 mg
Target:	CRAT
Protein Characteristics:	AA 1-626
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MLAFAARTVV KPLGLLKPSS LMKVSGRFKA HQDALPRLPV PPLQQSLDHY LKALQPIVSE EEWAHTKQLV DEFQTSGGVG ERLQKGLERR AKKMENWLSE WWLKTAYLQF RQPVVIYSSP GVLLPKQDFM DLQGQLRFAA KLIEGVLDK SMIDNETLPV EFLGGQPLCM NQYYQILSSC RVPGLKQDSV VNFLKSKKPP THITVVHNYQ FFELDVYHSD GTPLTSDQIF VQLEKIWNSS LQSNKEPVG I LTSNHRNSWA KAYSSLIKDK VNRESVNSIQ KSIFTVCLDK QVPRVSDDVY RSHVAGQMLH GGGSKFNSGN RWFDKTLQFI VAEDGSCGMV YEHAHAEGPP IVALVDHVME YTKKPELVRS PMVPLPMPKK LRFNITPEIK NDIEKAKQNI SIMIQDLDIM MLVFHHFGKD FPKSQLSPD AFIQIALQLA YYRIYGQACA TYESASLRMF HLGRTDTIRS ASTDSLAFVK GMDDPKVPEQ QRVELLRKAV QAHRAYTDRA IRGEAFDRHL LGLKLQAIED LVSMPIFMD TSYAIAMHFN LSTSQVPAKT DCVMSFGPVV PDGYGICYNP MEAHINFSVS AYNCAETNA ARMAHYLEKA LLD MRTLLQN HPRAKL</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
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Purity:	> 90 %
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Target Details

Target:	CRAT
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Abstract:	CRAT Products
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Background:	<p>Recommended name: Carnitine O-acetyltransferase.</p> <p>Short name= Carnitine acetylase.</p> <p>EC= 2.3.1.7.</p> <p>Alternative name(s): Carnitine acetyltransferase.</p> <p>Short name= CAT.</p> <p>Short name= CrAT</p>
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UniProt:	Q704S8
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Pathways:	Monocarboxylic Acid Catabolic Process
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Application Details

Comment:	<p>The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Handling

Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.