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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CARS (Human) Recombinant Protein (P01)

Catalog Number: H00000833-P01

Regulation Status: For research use only (RUO)

Product Description: Human CARS full-length ORF (AAH02880, 1 a.a. - 748 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MADSSGQQGKGRRVQPQWSPPAGTQPCLRLHLYNSL
TRNKEVFIPQDGKKVTWYCCGPTVYDASHMGHARSYI
SFDILRRVLKDYFKFDVFCMNITDIDDKIIKRARQNHLF
EQYREKRPEAAQLLEDVQAALKPFSVKLNETTDPDKK
QMLERIQHAVQLATEPLEKAVQSRLTGEEVNSCVEVLL
EEAKDLLSDWLDSTLGCVDVNSIFSKLPKFWEGDFH
RDMEALNVLPDVLTRVSEYVPEIVNFVQKIVDNGYGY
VSNGSVYFDTAKFASSEKHSYGKLVPEAVGDQKALQE
GEGDLSISADRLSEKRSPNDFALWKASKPGEPSWPCP
WGKGRPGWHIECSAMAGTLLGASMDIHGGGFDLRF
HHDNELAQSEAYFENDCWVRYFLHTGHLTIAGCKMSK
SLKNFITIKDALKKHSARQLRLAFLMHSWKDTLDYSSN
TMESALQYEKFLNEFFLNVDILRAPVDITGQFEKWGE
EEAELNKNFYDKKTAIHKALCDNVDRTRVMEEMRALV
SQCNLVMAARKAVRKRPNQALLENIALYLTHMLKIFGA
VEEDSSLGFPVGGPGTSLSEATVMPYLQVLSEFREG
VRKIAREQKVPEILQLSDALRDNILPELGVRFEDHEGLP
TVVKLVDRNTLLKEREKRRVEEEKRKKKEEAARRKQ
EQEAAKLAKMKIPPSEMFLSETDKYSKFDENGLPTH
MEGKELSKGQAKLKLFEAQEKLYKEYLQMAQNGSF
Q

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 107.91

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: 833

Gene Symbol: CARS

Gene Alias: CARS1, CYSRS, MGC:11246

Gene Summary: This gene encodes a class 1 aminoacyl-tRNA synthetase, cysteinyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. This gene is one of several located near the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]