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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MARS (Human) Recombinant Protein (P01)

Catalog Number: H00004141-P01

Regulation Status: For research use only (RUO)

Product Description: Human MARS full-length ORF (AAH06328.1, 1 a.a. - 900 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRLFVSDGVPGLPVLAAAGRARGRAEVLSTVGPED
CVVPFLTRPKVPVLQLDSGNYLFSTSAICRYFFLLSGW
EQDDL TNQWLEWEATELQPALSAALYYLVVQGGKGE
DVLGSVRRAL THIDHLSRQNC PFLAGETESLADIVLW
GALYPLLQDPAYLPEELSALHSWFQTLSTQEPCQRAA
ETVLKQQGV LALRPYLQKQPQSPAEGRAVTNEPEEE
ELATLSEEEIAMAVTAWEKGLESLPLRPQQNPVLPVA
GERNVLITSALPYVNNVPHLGNIGCVLSADV FARYSRL
RQWNTLYLCGTDEYGTATETKALEEGLTPQEICKYHI
IHADIYRWFNISFDIFGR TTTTPQQTKITQDIFQQLKRGF
VLQDTVEQLRCEHCARFLADRFVEGVCPFCGYEEAR
GDQCDKCGKLINAVELKKPQCKVCRSCPVVQSSQHLF
LDLPKLEKRLEEWLGRTLPGSDWTPNAQFITRSWLRD
GLKPRCITRDLKWGTPVPLEGFEDKVFYVWF DATIGYL
SITANYTDQWERWWKNPEQVDLYQFMAKDNV PFHSL
VFPCSALGAEDNYTLVSHLIATEYLN YEDGKFSKSRGV
GVFGDMAQDTGIPADIWRFYLLYIRPEGQDSAFSWTD
LLLKNSELLN NLGNFINRAGMFVSKFFGGYVPEMVL T
PDDQRLLAHVTLELQHYHQLEKVRIRDALRSILTISRH
GNQYIQVNEPWKRIK GSEADRQRAGTVTGLAVNIAALL
SVMLQPYMPTVSATIQAQLQLPPAC SILLTNFLCTLPA
GHQIGTVSPLFQKLENDQIESLRQRFGGGQAKTSPKP
AVVETVTTAKPQQIQALMDEVTKQGNIVRELKAQKADK
NEVAAEVAKLLDLKKQLAVAEGKPPEAPKGK KKKK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 124.63

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: 4141

Gene Symbol: MARS

Gene Alias: FLJ35667, METRS, MTRNS

Gene Summary: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene belongs to the class I family of tRNA synthetases. [provided by RefSeq]