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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MCM8 (Human) Recombinant Protein (P01)

Catalog Number: H00084515-P01

Regulation Status: For research use only (RUO)

Product Description: Human MCM8 full-length ORF (BAG37214.1, 1 a.a. - 840 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MNGEYRGRGFGRGRFQSWKRGRGGGNFSGKWRRER
EHRPDLSTTKGRTSEQTPQFLSTKTPQSMQSTLDR
FIPYKGWKLWFSEVYSDSSPLIEKIQAFKFFTRHIDLY
DKDEIERKGSILVDFKELTEGGEVTNLIPDIATELRDAP
EKTLCMGLAIHQVLTKDLERHAAELQAQEGLSNDGE
TMVNVPHIHARVYNYEPLTQLKNVRANYYGKYIALRGT
VVRVSNIKPLCTKMAFLCAACGEIQSFPLPDGKYSPLT
KCPVPVCRGRSFTALRSSPLTVTMDWQSIKIQELMSD
DQREAGRIPRTIECELVHDLVDSCVPGDVTITGIVKVS
NAEEGSRNKNDKCMFLLYIEANSISNSKGQKTKSSED
GCKHGMLMEFSLKLDYAIQEIQAEENLFKLIVNSLCPVI
FGHELVKAGLALALFGGSQKYADDKNRIPRGPDPHILV
VGDPGLGKSQMLQAACNVAPRGVYVCGNTTTTSGLT
VTLSKDSSSGDFALEAGALVLDGQGICGIDFDKMG
QHQUALLEAMEQQSISLAKAGVVCSLPARTSIIAAANPV
GGHYNKAKTVSENLMGMSALLSRFDLVFILLDTPNEHH
DHLLSEHVIAIRAGKQRTISSATVARMNSQDSNTSVLE
VVSEKPLSERLKVVPGETIDPIPHQLLRKYIGYARQYVY
PRLSTEAARVLQDFYLELRKQSQRNLNSSPITTRQLES
RLTEARARLELREEATKEDAEDIVEIMKYSMGLTYSDE
FGNLDFERSQHGSGMSNRSTAKRFISALNNVAERTYN
NIFQFHQLRQIAKELNIQVADFENFIGSLNDQGYLLKKG
PKVYQLQTM

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 118.8

Interspecies Antigen Sequence: Mouse (87); Rat (90)

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: 84515

Gene Symbol: MCM8

Gene Alias: C20orf154, MGC119522, MGC119523, MGC12866, MGC4816, REC, dJ967N21.5

Gene Summary: The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex (pre-RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein contains the central domain that is conserved among the MCM proteins. This protein has been shown to co-immunoprecipitate with MCM4, 6 and 7, which suggests that it may interact with other MCM proteins and play a role in DNA replication. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]