

Recombinant Human Mediator Of Cell Motility 1, His-tagged

Cat. No. MEMO1-6940H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MEMO1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-297aa
Description	MEMO1 belongs to the UPF0103 family. MEMO1 control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. It is required for breast carcinoma cell migration, suggesting an important role in tumorigenesis. Also, it controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity.
Form	Liquid. In 20 mM Tris-HCl buffer, pH8.0, 50% glycerol, 5mM DTT, 300mM NaCl, 2mM EDTA.
Molecular Mass	36.4 kDa (322aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMNSNRV VCREASHAGS WYTASGPQLN AQLEGWLSQV QSTKRPARAI IAPHAGYTYC GSCAAHAYKQ VDPSITRRIF ILGPSHHVPL SRCALSSVDI YRTPLYDLRI DQKIYGELWK TGMFERMSLQ TDEDEHSIEM HLPYAKAME SHKDEFTIIP VLVGALSESK EQEFGKLFK YLADPSNLFV VSSDFCHWGQ RFRYSYYDES QGEIYRSIEH LDKMGMSIIE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

QLDPVSFSNY LKKYHNTICG RHPIGVLLNA ITELQKNGMN MSFSFLNYAQ
SSQCRNWQDS SVSYAAGALT VH

Purity >95% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [MEMO1 mediator of cell motility 1 \[Homo sapiens \]](#)

Official Symbol MEMO1

Synonyms MEMO1; mediator of cell motility 1; MEMO; C2orf4; CGI-27; NS5ATP7; protein MEMO1; memo-1; C21orf19-like protein; HCV NS5A-transactivated protein 7; mediator of ErbB2-driven cell motility 1; hepatitis C virus NS5A-transactivated protein 7; Mediator of cell motility 1; chromosome 2 open reading frame 4

Gene ID [51072](#)

mRNA Refseq [NM_015955](#)

Protein Refseq [NP_057039](#)

MIM [611786](#)

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UniProt ID	Q9Y316
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Chromosome Location	2p22-p21
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