

Product datasheet for **AR50443PU-S**

MEMO1 (1-297, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MEMO1 (1-297, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMMMSNRV VCREASHAGS WYTASGPQLN AQLEGWLSQV QSTKRPARAI IAPHAGYTYC GSCAAHAYKQ VDPSITRRIF ILGPSHHVPL SRCALSSVDI YRTPLYDLRI DQKIYGELWK TGMFERMSLQ TDEDEHSIEM HLPYTAKAME SHKDEFTIIP VLVGALSESK EQEFGKLSK YLADPSNLFV VSSDFCHWGQ RFRYSYDES QGEIYRSIEH LDKMGMSIIE QLDPVFSFNY LKKYHNTICG RHPIGVLLNA ITELQKNGMN MSFSFLNYAQ SSQCRNWQDS SVSYAAGALT VH
Tag:	His-tag
Predicted MW:	36.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 50% glycerol, 5 mM DTT, 300 mM NaCl, 2 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MEMO1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001131074
Locus ID:	51072
UniProt ID:	Q9Y316
Cytogenetics:	2p22.3



[View online »](#)

Synonyms: C2orf4; CGI-27; MEMO; NS5ATP7

Summary: May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization. Is required for breast carcinoma cell migration.[UniProtKB/Swiss-Prot Function]

Product images:

