9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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MEMO1 Human

Mediator of Cell Motility 1 Human Recombinant
RCP1350

Product Overview

Name	MEMO1 Human
Description	
Mediator of Cell Motility 1 Human Recombinant	
Accession (Primary)	Q9Y316
Synonyms	
Protein MEMO1, C21orf19-like protein, Hepatitis C virus NS5A-transactivated protein 7, HCV NS5A-transactivated protein 7, Mediator of ErbB2-driven cell motility 1, Mediator of cell motility 1, Memo-1, MEMO1, C2orf4, MEMO, NS5ATP7, CGI-27.	
Introduction	
Mediator of ErbB2-driven cell motility 1 (MEMO1) is a member of the UPF0103 family. MEMO1 regulates cell migration by transmitting extracellular chemotactic signals to the microtubule cytoskeleton. Furthermore, MEMO1 controls the localization of APC and CLASP2 to the cell membrane, using the regulation of GSK3B activity. MEMO1 is essential for breast carcinoma cell migration, suggesting a key role in tumorigenesis. MEMO1 is also a mediator of ERBB2 signaling.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
MEMO1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, pH8.0, 50% glycerol, 5mM DTT, 300mM NaCl and 2mM EDTA.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM MSNRV VCREASHAGS WYTASGPQLN AQLEGWLSQV QSTKRPARAI	

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IAPHAGYTYC GSCAAHAYKQ VDPSITRRIF ILGPSHHVPL SRCALSSVDI YRTPLYDLRI DQKIYGELWK TGMFERMSLQ TDEDEHSIEM HLPYTAKAME SHKDEFTIIP VLVGALSESK EQEFGKLFSK YLADPSNLFV VSSDFCHWGQ RFRYSYYDES QGEIYRSIEH LDKMGMSIIE QLDPVSFSNY LKKYHNTICG RHPIGVLLNA ITELQKNGMN MSFSFLNYAQ SSQCRNWQDS SVSYAAGALT VH.

Precautions

MEMO1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y316)