

32-4198: Recombinant Human Mediator of Cell Motility 1

Alternative Name : 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.

Description

Source : Escherichia Coli. MEMO1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-297 a.a) and having a molecular mass of 36.4kDa.MEMO1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : MEMO1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, pH8.0, 50% glycerol, 5mM DTT, 300mM NaCl and 2mM EDTA.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMMMSNRV VCREASHAGS WYTASGPQLN AQLEGWLSQV QSTKRPARAI IAPHAGYTYC GSCAAHAYKQ VDPSITRRIF ILGPSHHVPL SRCALSSVDI YRTPLYDLRI DQKIYGELWK TGMFERMSLQ TDEDEHSIEM HLPYTAKAME SHKDEFTIIP VLVGALSESK EQEFGKLFK YLADPSNLFV VSSDFCHWGQ RFRYSYDES QGEIYRSIEH LDKMGMSIIE QLDPVSFSNY LKKYHNTICG RHPIGVLLNA ITELQKNGMN MSFSLNYAQ SSQCRNWQDS SVSYAAGALT VH.