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MEMO1 Human

Catalog #:PRPS-1155

For research use only.

Description: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.

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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMMSNRV VCREASHAGS WYTASGPQLN AQLEGWLSQV QSTKRPARAI IAPHAGYTYC GSCAAHAYKQ VDPSITRRIF ILGPSHHVPL SRCALSSVDI YRTPLYDLRI DQKIYGELWK TGMFERMSLQ TDEDEHSIEM HLPYTAKAME SHKDEFTIIP VLVGALSESK EQEFGKLFSK YLADPSNLFV VSSDFCHWGQ RFRYSYYDES QG

Purity: Greater than 95.0% as determined by SDS-PAGE.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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, sµggesting a key role in tumorigenesis. MEMO1 is also a mediator of ERBB2 signaling.

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