

MEMO1, 1-297aa, Human, His tag, E.coli

Cat.NO.: TP02946

3th Edition

Synonyms:Protein MEMO1, C2orf4, CGI-27, MEMO, NS5ATP7.

Description:MEMO1 (Mediator of ErbB2-driven cell motility 1), also known as C2orf4 or NS5ATP7, 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 Weight:36.4kDa (322aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMMSNRVVCREASHAGSWYTASGPQLNAQLEGWLSQVQSTKRPARAIIAP
HAGYTYCGSCAAHAYKQVDPSITRRIFILGPSHHVPLSRCALSSVDIYRTPLYDLRIDQKIYGELWKTGMFERMSLQT
DEDEHSIEMHLPYTAKAMESHKDEFTIIPVLVGALSESKEQEFGLFSKYLADPSNLFVSSDFCHWGQRFYRYSYYD
ESQGEIYRSIEHLDKMGMSIIEQLDPVSFSNYLKKYHNTICGRHPIGVLLNAITELQKNGMNMSFSFLNYAQSSQCRN
WQDSSVSYAAGALTVH

Purity:> 95% by HPLC

Concentration:0.5mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.