

Capping Protein Gelsolin-Like Human Recombinant

| | |
|--|--|
| Item Number | rAP-2951 |
| Synonyms | AFCP, CAPG, Macrophage-capping protein, Actin regulatory protein CAP-G, MCP. |
| Description | CAPG Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 348 amino acids (1-348 a.a.) and having a molecular mass of 38.5 kDa. The CAPG protein is purified by standard chromatography techniques. |
| Uniprot Accession Number | P40121 |
| Amino Acid Sequence | MYTAIPQSGS PFPGSVQDPG LHVWRVEKLG PVPVAQENQG VFFSGDSYLV LHNGPEEVSH LHL-WIGQQSS RDEQGACAVL AVHLNLLGE RPVQHREVQG NESDLFMSYF PRGLKYQEGG VESAFHKTST GAPAAIKKLY QVKGKKNIRA TERALNWDSF NTGDCFILDG QQNIFAWCGG KSNILERNKA RDLALAIRDS ERQGKAQVEI VTDGEEPAEM IQVLGPKPAL KEGNPEEDLT ADKANAQAAA LYKVSDATGQ MNLT-KVADSS PFALELLISD DCFVLDNGLC GKIYIWKGRK ANEKERQAAL QVAEGFISRM QYAPNTQVEI LPQGRESPIF KQFFKDWK. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile filtered colorless solution. 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). |
| Formulation and Purity | The protein solution (1mg/ml) contains 20mM Tris buffer pH-8, 1mM DTT and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**