

AR51442PU-N**Human Complement C9 (22-559, His-tag) - Purified**

| | |
|--------------------------|---|
| Alternate names: | Complement 9, Complement component C9 |
| Quantity: | 0.25 mg |
| Concentration: | 0.5 mg/ml (determined by Bradford assay) |
| Background: | C9 is the final component of the complement system. It participates in the formation of the Membrane Attack Complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause component C9 deficiency. |
| Uniprot ID: | P02748 |
| NCBI: | NP_001728 |
| GeneID: | 735 |
| Species: | Human |
| Source: | E. coli |
| Format: | State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea |
| Description: | Recombinant human C9 protein, fused to His-tag at N-terminus, was expressed in E.coli . AA Sequence: MGS SHHHHHH SSGLVPRGSH MGSQYTTSYD PELTESSGSA SHIDCRMSPW SEWSQC DPCL RQMFRSRSIE VFGQFNGKRC TDAVGDRRQC VPTEPCEDAE DDCGND FQCS TGRCIKMRLR CNGDNDCGDF SDEDDCESEP RPPCRDRVVE ESELARTAGY GINILGMDPL STPF DNEFY N GLCNRDRDGN TLTYYRRPWN VASLIYETKG EKNFRTEHYE EQIEAFKSII QEKTSNFNAA ISLKFTP TET NKAEQCCEET ASSISLHGKG SFRFSYSKNE TYQLFLSYSS KKEKMF LHV K GEIHLGRFVM RNRDVVLT TT FVDDIKALPT TYEKGEYFAF LETY GTHYSS SGLGLG L YEL IYVLDKASKM RKGVELKDIK RCLGYHLDVS LAFSEISVGA EFNKDDCVKR GEGRAVNITS ENLIDDV VSL IRGGTRKYAF ELKEKLLRGT VIDVTDFVNW ASSINDAPVL ISQKLSPIYN LVPVKMKN AH LKKQNLERAI EDYINEFSVR KCHTCQNGGT VILMDGKCLC ACPFKFEGIA CEISKQKISE GLPALEFPNE K Molecular weight: 63.4 kDa (561aa) |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| General Readings: | Lint TF, Zeitz HJ, et al. (1980) J. Immunol. 125 (5): 2252-7 |

Pictures:

