

Complement Component 9 Human Recombinant

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| Item Number | rAP-3072 |
| Synonyms | Complement Component 9, ARMD15, C9D, Complement Component C9. |
| Description | C9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 561 amino acids (22-559 a.a) and having a molecular mass of 63.4kDa.C9 is fused to a 23 amino acid His-tag at N-terminus |
| Uniprot Accesion Number | P02748 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSQYTTSYD PELTESSGSA SHIDCRMSPW SEWSQCDPCL RQM-FRSRSIE VFGQFNGKRC TDAVGDRRQC VPTEPCEDAE DDCGNDFQCS TGRCIKMRLR CNGDNDGDF SDEDDCESEP RPPCRDRVVE ESELARTAGY GINILGMDPL STPFDNEFYNN GLCNRDRDGN TLTYYRRPWN VASLIYETKG EKNFRTE-HYE EQIEAFKSII |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear 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). Please avoid freeze thaw cycles. |
| Formulation and Purity | C9 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 80% 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 end users! This product is sold for **Research Use Only**