

Clusterin Human Recombinant

Item Number	rAP-0318
Synonyms	CLI, AAG4, KUB1, SGP2, SGP-2, SP-40, TRPM2, MGC24903, Clusterin, Apolipoprotein J, Apo-J.
Description	Clusterin Human Recombinant produced in HEK is a glycosylated, polypeptide chain containing 438 amino acids and having a molecular mass of 51.27 kDa. Clusterin (1-427 a.a.) is fused to 11 a.a. flag tag at c-terminal and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10909
Amino Acid Sequence	DQTVSDNELQ EMSNQGSKYV NKEIQNAVNG VKQIKTLIEK TNEERKTLLS NLEEAKKKKE DAL- NETRESE TKLKELPGVC NETMMALWEE CKPCLKQTCM KFYARVCRSGS GLVGRQLEE FLNQSSPFYF WMNGDRIDSL LENDRQQTHM LDVMQDHFSRA SSIIDELFQ DRFFTREPQD TYHYLPFSLP HRRPHFFFFPK SRIVRSLMPF SPYEPLNFHA MFQPFLEMIH EAQQAMDIHF HSPAFQHPPT EFIRE- GDDDR TVCREIRHNS TGCLRMKDQC DKCREILSVD CSTNNPSQAKLRRELDLQ VAERLTRKYN
Source	293 cell line (Human embryonic kidney).
Physical Appearance and Stability	Filtered, White, Lyophilized powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	Filtered (0.4 micron) and lyophilized PBS, pH 7.5. Greater than 95% as determined by SDS PAGE.
Application	
Solubility	Add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product not sterile! Please filter the product by an appropriate sterile filter before using it in cell culture.
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**