

Clusterin Rat Recombinant

Item Number	rAP-0319
Synonyms	CLI, AAG4, KUB1, SGP2, SGP-2, SP-40, TRPM2, MGC24903, Complement-associated protein SP-40,40, Complement cytolysis inhibitor, NA1/NA2, Apolipoprotein J, Apo-J, Testosterone-repressed prostate message 2, TRPM-2.
Description	The Clusterin Rat was constructed as a recombinant protein with N-terminal fusion of T7-Tag (16AA) and C-terminal fusion of His-Tag (9AA). The Clusterin Rat His-Tagged Fusion Protein, produced in E.coli, is 26.5 kDa protein containing 215 amino acid residues of the APO-J Rat and 25 additional amino acid residues –
Uniprot Accession Number	P05371
Amino Acid Sequence	MASMTGGQQM GRDPNSSSPF YFWMNGDRID SLLESDRQQS QVLDAMQDSF TRASGIIDTL FQDRFFTHEPQDIHHFSPMG FPHKRPHLLY PKSRLVRS LM PLSHYGPLSF HNMFPFFDM IH-QAQQAMDV QLHSPALQFPD VDFLKEGED DRTVCKEIRH NSTGCLKMKG QCEKCQEILS VDC-STNNPAQ ANLRQELNDS LQVAERLTQQYNELLHSLQS KMLNTSSLLE QALEHHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	White lyophilized (freeze-dried) 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	Lyophilized from 0.5 mg/ml in 0.01M Tris pH 7.2. Greater than 95% as determined by SDS PAGE.
Application	
Solubility	Add 0.2 ml of deionized H ₂ O and let the lyophilized pellet dissolve completely.
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**