CLU (Human) Recombinant Protein

Catalog # P8433 Size 20 ug

Specification

Product Description	Human CLU (P10909, 23 a.a. - 449 a.a.) partial-length recombinant protein with His-tag at N-termina l expressed in *Escherichia coli*.
Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSDQTVSDNELQEMSNQGSKYVNKEIQ NAVNGVKQIKTLIEKTNEERKTLLSNLEEAKKKKEDALNETRESETKLKELPGVCNETMMALWEE CKPCLKQTCMKFYARVCRSGSGLVGRQLEEFLNQSSPFYFWMNGDRIDSLLENDRQQTHMLDV MQDHFSRASSIIDELFQDRFFTREPQDTYHYLPFSLPHRRPHFFFPKSRIVRSLMPFSPYEPLNFH AMFQPFLEMIHEAQQAMDIHFHSPAFQHPPTEFIREGDDDRTVCREIRHNSTGCLRMKDQCDKC REILSVDCSTNNPSQAKLRRELDESLQVAERLTRKYNELLKSYQWKMLNTSSLLEQLNEQFNWVS RLANLTQGEDQYYLRVTTVASHTSDSDVPSGVTEVVVKLFDSDPITVTVPVEVSRKNPKFMETVA EKALQEYRKKHREE.
Host	Escherichia coli
Theoretical MW (kDa)	54.1
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 85% by SDS-PAGE
Storage Buffer	20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT
Storage Instruction	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). Avoid multiple freeze-thaw cycles.

Applications

- SDS-PAGE

Gene Info — CLU

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Entrez GeneID	1191
Protein Accession#	P10909
Gene Name	CLU
Gene Alias	AAG4, APOJ, CLI, KUB1, MGC24903, SGP-2, SGP2, SP-40, TRPM-2, TRPM2
Gene Description	clusterin
Omim ID	185430
Gene Ontology	Hyperlink
Gene Summary	SP-40
Other Designations	OTTHUMP00000128311|aging-associated protein 4|apolipoprotein J|clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipo protein J)|complement lysis inhibitor|complement-associated protein

Disease

- Alzheimer disease
- Atherosclerosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Complications
- Diabetes Mellitus
- Exfoliation Syndrome
- Genetic Predisposition to Disease
- Glaucoma
- Hypertension
- Lymphoma
- Macular Degeneration

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- Metabolic Syndrome X
- Neoplasms
- Osteoporosis
- Panic Disorder
- Pre-Eclampsia
- Pregnancy Complications
- Schizophrenia

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