PRODUCT INFORMATION

Target	CLU
Synonyms	AAG4;APOJ;CLI;KUB1;MGC24903;SGP-2;SGP2;SP-40;TRPM-2;TRPM2
Description	Recombinant human CLU protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P10909
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CLU(Asp23-Glu449) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 50.9 kDa after removal of the signal peptide. The apparent molecular mass of CLU-His is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	The protein encoded by this gene is a secreted chaperone that can under some stress conditions also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. Alternate splicing results in both coding and non-coding variants.[provided by RefSeq, May 2011]
Usage	Research use only
Conjugate	Unconjugated

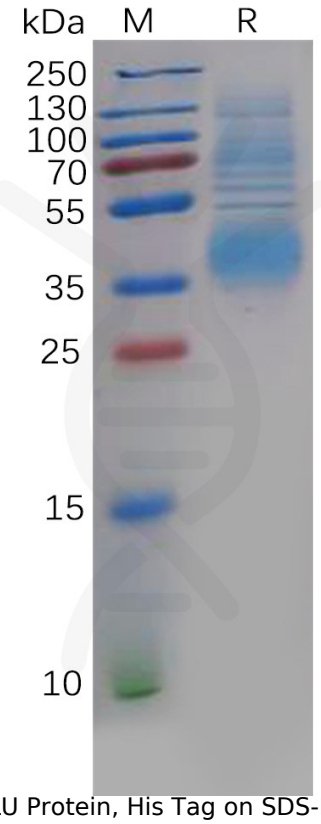

Figure 1. Human CLU Protein, His Tag on SDS-PAGE under reducing condition.