HUMAN CLU PROTEIN, HIS TAG

Cat.#: 11401
Product Name: Human CLU Protein
Size : 10 μg, 50 μg and 100 μg
Synonyms: AAG4;APOJ;CLI;KUB1;MGC24903;SGP-2;SGP2;SP-40;TRPM-2;TRPM2
Target: CLU
UNIPROT ID: P10909
Description: Recombinant human CLU protein with C-terminal 6xHis tag
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]
Species/Host: HEK293
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.
Molecular Characterization: CLU(Asp23-Glu449) 6×His tag
Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

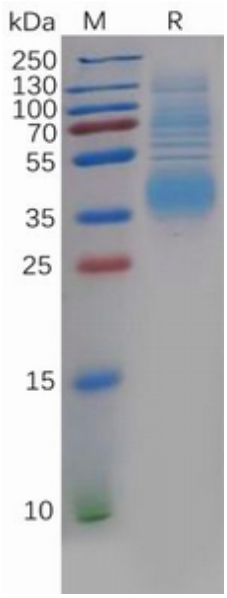

Figure 1. Human CLU Protein, His Tag on SDS-PAGE under reducing condition.