

## 32-7781: Recombinant Human Clusterin-Like Protein 1/CLUL1 (C-6His)

**Gene :** CLUL1  
**Gene ID :** 27098  
**Uniprot ID :** Q15846

### Description

Source: Human Cells.  
MW :50.06kD.

Recombinant Human Clusterin-Like Protein 1 is produced by our Mammalian expression system and the target gene encoding Ala21-Ala442 is expressed with a 6His tag at the C-terminus. Clusterin-Like Protein 1 (CLUL1) is a secreted protein that belongs to the clusterin family. CLUL1 is synthesized as a 466 amino acid precursor that contains a 20 amino acid signal sequence, and a 446 amino acid mature chain. CLUL1 is expressed predominantly by cone photoreceptors of the retina. It has been shown that CLUL1 expression is down-regulated in some forms of retinal disease.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH8.0.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** APTWKDKTAISENLKSFSEVGEIDADEEVKALTGIKQMKIMMERKEKEHTNLMSTLKKCREEKQEALKLLNEV  
QEHLEEEERLCRESLADSWGECRSCLENMCMRIYTTCCQPSWSSVKNKIERFFRKIYQFLFPFHEDNEKDLPSEK  
LIEEDAQLTQMEDVFSQLTVDVNSLFNRSFNVFRQMQQEFDQTFQSHFISDTDLTEPYFFPAFSKEPMTKADLE  
QCWDIPNFFQLFCNFSVIYESVSETITKMLKAIEDLPKQDKAPDHGGLISKMLPGQDRGLCGELDQNLRCFKF  
HEKCQKCAHLSDECPDVPALHTELDEAIRLVNVSNNQYQGQILQMTRKHLEDTAYLVEKMRGQFGWVSELAN  
QAPETEIIFNISIQVVPRIHEGNISKQDETMMTDLSILPSSNFTLKIPLLESAVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.