

Recombinant Human CLUL1, His-tagged

Cat. No. CLUL1-70H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Clusterin-Like Protein 1/CLUL1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Ala21-Ala442) of Human CLUL1 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-442 a.a.
Description	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.
AA Sequence	APTWKDKTAISENLKSFSEVGEIDADEEVKKALTGIKQMKIMMERKEKEHTNLMSTLK KCREEKQ EALKLLNEVQEHLSEERLCRESLADSWGECRSCLENNCMRIYTTCQP SWSSVKNKIERFFRKIY QFLFPFHEDNEKDLPISSEKLIIEEDAQLTQMEDVFSQLTVDV NSLFNRSFNVFRQMQQEFDQTFQS HFISDTDLTEPYFFPAFSKEPMTKADLEQCW DIPNFFQLFCNFSVSIYESVSETITKMLKAIEDL PKQDKAPDHGGLISKMLPGQDRGL CGELDQNL SRCFKFHEKCQKCQAHLSEDCPDVPALHTELDE AIRLVNVSNNQQYGQI LQMTRKHLED TAYLVEKMRGQFGWVSELANQAPETEIFNSIQVVPRIHE GNISKQD ETMMTDLSILPSSNFTLKIPLSESAVDHHHHHH

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Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

GENE INFORMATION

Gene Name	CLUL1 clusterin-like 1 (retinal) [Homo sapiens]
Official Symbol	CLUL1
Synonyms	CLUL1; clusterin-like 1 (retinal); clusterin-like protein 1; retinal-specific clusterin-like protein; RA337M;
Gene ID	27098
mRNA Refseq	NM_014410
Protein Refseq	NP_055225
UniProt ID	Q15846
Chromosome Location	18p11.32

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