

## Clusterin-like protein 1/CLUL1 Protein, Human (HEK293, His)

<b>Cat. No.:</b>	HY-P70063
<b>Synonyms:</b>	rHuClusterin-like protein 1/CLUL1, His; Clusterin-Like Protein 1; Retinal-Specific Clusterin-Like Protein; CLUL1
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	Q15846 (A21-A442)
<b>Gene ID:</b>	27098
<b>Molecular Weight:</b>	The protein migrates as 59-80 kDa under reducing SDS-PAGE due to glycosylation.

### PROPERTIES

#### AA Sequence

A P T W K D K T A I	S E N L K S F S E V	G E I D A D E E V K	K A L T G I K Q M K
I M M E R K E K E H	T N L M S T L K K C	R E E K Q E A L K L	L N E V Q E H L E E
E E R L C R E S L A	D S W G E C R S C L	E N N C M R I Y T T	C Q P S W S S V K N
K I E R F F R K I Y	Q F L F P F H E D N	E K D L P I S E K L	I E E D A Q L T Q M
E D V F S Q L T V D	V N S L F N R S F N	V F R Q M Q Q E F D	Q T F Q S H F I S D
T D L T E P Y F F P	A F S K E P M T K A	D L E Q C W D I P N	F F Q L F C N F S V
S I Y E S V S E T I	T K M L K A I E D L	P K Q D K A P D H G	G L I S K M L P G Q
D R G L C G E L D Q	N L S R C F K F H E	K C Q K C Q A H L S	E D C P D V P A L H
T E L D E A I R L V	N V S N Q Q Y G Q I	L Q M T R K H L E D	T A Y L V E K M R G
Q F G W V S E L A N	Q A P E T E I I F N	S I Q V V P R I H E	G N I S K Q D E T M
M T D L S I L P S S	N F T L K I P L E E	S A	

**Appearance** Lyophilized powder

**Formulation** Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 8.0 or 50 mM Tris-HCl, 300 mM NaCl, pH 8.0.

**Endotoxin Level** <1 EU/µg, determined by LAL method.

**Reconstitution** It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

**Storage & Stability** Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

**Shipping** Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

**Background** Claudin-18/CLDN18.2 Protein-VLP, Macaca fascicularis, is a member of the claudin family. It is associated with macaques

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and is likely utilized for vaccine-related applications. Clusterin-like protein 1/CLUL1 Protein is a member of the clusterin family, involved in various cellular processes, potentially implicated in neuroprotection and cell survival mechanisms.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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