

## PRODUCT DATA SHEET

### Clusterin Human HEK293

**Cat. No.:** RD172034100

**Size:** 0.1 mg

**Source:** HEK293

**Type:** Recombinant protein

**Species:** Human

#### Other Names:

Apolipoprotein J, Apo J, Aging-associated gene 4 protein, AAG4, Complement cytolysis inhibitor, CLI, Complement-associated protein SP-40,40, Ku70-binding protein 1, NA1/NA2, Sulfated glycoprotein 2, SGP-2, Testosterone-repressed prostate message 2, TRPM-2

#### Description:

Total 438 AA, M.w. 51.27kDa (calculated). The AA sequence (AA 1–427) is identical to Swiss-Prot-P10909 (AA 23–449, secreted Human Clusterin). C-terminal Flag-tag, 11 extra AA.

#### Amino Acid Sequence:

DQTVSDNELQ EMSNQGSKYV NKEIQNAVNG VKQIKTLIEK TNEERKLLS NLEEAKKKKE  
DALNETRESE TKLKELPGVC NETMMALWEE CKPCLKQTCM KFYARVCRSG SGLVGRQLEE  
FLNQSSPFYF WMNGDRIDSL LENDRQQTHM LDVMQDHF SR ASSIIDELFQ DRFFTREPQD  
TYHYLPFSLP HRRPHFFFPK SRIVRSLMPF SPYEP LNFHA MFQPFLEMIH EAQQAMD IHF  
HSPAFQHPPT EFIREGDDDR TVCREIRHNS TGCLRMKDQC DKCREILSVD CSTNNPSQAK  
LRRELD ESLQ VAERLTRKYN ELLKSYQWKM LNTSSLLEQL NEQFNWVSRL ANLTQGEDQY  
YLRVTTVASH TSDSDVPSGV TEVVVKLFDS DPITVTVPVE VSRKNPKFME TVA EKALQEY  
RKKHREEEAAA DYKDDDDK

#### Purity:

> 90 % by SDS-PAGE

#### Endotoxin:

< 1.0 EU/μg

#### Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml in 20mM Tris buffer, 50mM NaCl, pH 7.5

#### Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

#### Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

**Quality Control:**

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.