

Recombinant Human CBLN1 Protein, N-His (Active)

Summary

Catalog No.	AHD57701
Alternative Names	Cerebellin-1, CER, Precerebellin, CBLN1
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB Measured by its binding ability in a functional ELISA. When recombinant human CBLN1 (Cat #: AHD57701) is coated at 5 µg/mL, biotinylated recombinant rat NRXN-1 beta binds with an apparent KD < 0.5 nM.
Biological activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Recombinant human CBLN1 (Cat #: AHD57701), immobilized at 3-30 µg/mL, is able to significantly enhance neurite outgrowth.
Endotoxin level	<0.1 EU/µg of the protein by the LAL method.
Expression system	Mammalian Cells
Accession	P23435
Protein length	Gln22-Leu193
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

Recombinant Proteins & Antibodies

Reconstitution

Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

Species

Homo sapiens (Human)

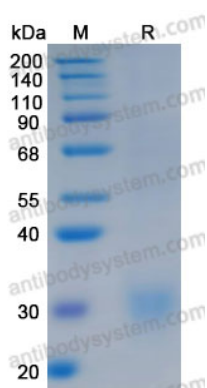
Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

Note

For research use only.

Data Image



SDS-PAGE

SDS-PAGE for Recombinant Human Cerebellin-1 protein