

Datasheet for ABIN7607385

CBLN1 Protein (AA 22-193) (His tag)



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Overview

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| Quantity: | 50 µg |
| Target: | CBLN1 |
| Protein Characteristics: | AA 22-193 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This CBLN1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA) |

Product Details

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| Purpose: | Recombinant Human CBLN1 Protein, N-His (Active) |
| Purity: | >90 % as determined by SDS-PAGE. |
| Endotoxin Level: | <0.1 EU/µg of the protein by the LAL method. |
| Biological Activity Comment: | Measured by its binding ability in a functional ELISA. When recombinant human CBLN1 (Cat #: AHD57701) is coated at 5 µg/mL, biotinylated recombinant NRXN-1 beta binds with an apparent KD < 0.5 nM. 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. |

Target Details

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| Target: | CBLN1 |
| Alternative Name: | Cerebellin-1 (CBLN1 Products) |
| Background: | Cerebellin-1, CER, Precerebellin, CBLN1 |
| UniProt: | P23435 |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | 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. |
| Expiry Date: | 12 months |