

Datasheet for ABIN7607646

CBLN2 Protein (AA 50-224) (His tag)



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Overview

Quantity:	50 µg
Target:	CBLN2
Protein Characteristics:	AA 50-224
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CBLN2 protein is labelled with His tag.
Application:	Immunogen (Imm), SDS-PAGE (SDS), Western Blotting (WB), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CBLN2 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 CBLN2 (Cat #: AHN56901) is coated at 5 µg/mL, biotinylated recombinant NRXN-1 beta binds with an apparent KD <1.5 nM. Measured by its ability to enhance neurite outgrowth of rat embryonic cortical neurons (E16-E18). Recombinant human CBLN2 (Cat #: AHN56901), immobilized at 3-30 µg/mL, is able to significantly enhance neurite outgrowth.

Target Details

Target:	CBLN2
Alternative Name:	CBLN2 (CBLN2 Products)
Background:	CBLN2, Cerebellin-2
UniProt:	Q8IUK8

Application Details

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

Handling

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