

Recombinant Human CBLN1 Protein, His/GST-tagged

Cat. No. CBLN1-428H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBLN1(Gln22~Leu193) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln22~Leu193
Description	This gene encodes a cerebellum-specific precursor protein, precerebellin, with similarity to the globular (non-collagen-like) domain of complement component C1qB. Precerebellin is processed to give rise to several derivatives, including the hexadecapeptide, cerebellin, which is highly enriched in postsynaptic structures of Purkinje cells. Cerebellin has also been found in human and rat adrenals, where it has been shown to enhance the secretory activity of this gland.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	49.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 93%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[CBLN1 cerebellin 1 precursor \[Homo sapiens \]](#)

Official Symbol

[CBLN1](#)

Synonyms

CBLN1; cerebellin 1 precursor; cerebellin-1; precerebellin;

Gene ID

[869](#)

mRNA Refseq

[NM_004352](#)

Protein Refseq

[NP_004343](#)

MIM

[600432](#)

UniProt ID

[P23435](#)

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