

Recombinant Human CLSTN3 Protein, His&GST-tagged

Cat. No. CLSTN3-800H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLSTN3 Protein (Met1-Arg227) with His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg227
Description	Predicted to enable calcium ion binding activity. Predicted to be involved in positive regulation of synapse assembly and positive regulation of synaptic transmission. Predicted to act upstream of or within several processes, including chemical synaptic transmission; positive regulation of protein localization to synapse; and synapse assembly. Predicted to be located in postsynaptic density. Predicted to be part of protein-containing complex. Predicted to be active in several cellular components, including GABA-ergic synapse; glutamatergic synapse; and postsynaptic membrane. Predicted to be integral component of postsynaptic density membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.4 kDa; Accurate Molecular Mass: 55 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	CLSTN3 calsyntenin 3 [Homo sapiens (human)]
Official Symbol	CLSTN3
Synonyms	CLSTN3; calsyntenin 3; calsyntenin-3; cadherin related family member 14; CDHR14; CSTN3; KIAA0726; alc-beta; alcadein beta; alcadein-beta; cadherin-related family member 14; alcbeta; MGC131797; MGC138488;
Gene ID	9746
mRNA Refseq	NM_014718
Protein Refseq	NP_055533
MIM	611324
UniProt ID	Q9BQT9

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