

PE-01ABL90-P

GluR2 (844-858) del 849-853 Peptide Powder

10-mer peptide based on GluR2



KINEXUS

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Target Protein

Name Long:	Glutamate receptor 2
Name Alias:	AMPA-selective glutamate receptor 2; GluR-2; GluR-B; GluR-K2; Glutamate receptor ionotropic, AMPA 2; GRIA2
Species Origin:	Human
UniProt ID:	P42262

Peptide Structure

Peptide Name:	GluR2 (844-858) del 849-853
Peptide Origin:	C-terminus
Peptide Sequence Location:	K844-S858
Peptide Sequence:	KRMKLNINPS
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1199.5
% Peptide Purity:	> 90
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	USP01BTJ
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Peptide disrupts AP2 but not NSF binding and prevents AMPA receptor endocytosis and LTD without affecting basal synaptic transmission.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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