

PE-01ADD95-P

LRRKtide KinSub Peptide Powder

15-mer kinase substrate peptide for assaying LRRK1



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Leucine-rich repeat serine/threonine-protein kinase 1
Name Alias:	KIAA1790
UniProt ID:	Q38SD2

Peptide Structure

Peptide Name:	LRRKtide KinSub
Peptide Origin:	Based on common sequence in ezrin, moesin and radixin
Peptide Sequence Location:	Not applicable
Peptide Sequence:	RLGRDKYKTLRQIRQ
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Acid
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1931.3
% Peptide Purity:	> 95
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:	L10-58
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activities of Leucine-rich repeat serine/threonine-protein kinase 1 (LRRK1, UniProt ID Q38SD2) and Leucine-rich repeat kinase 2 (LRRK2, UniProt ID Q5S007).
---------------------	---

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)