

# PE-01ACQ95-P

## DYRKtide KinSub Peptide Powder

15-mer kinase substrate peptide for assaying DYRK1A



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### Target Protein

<b>Name Long:</b>	Dual specificity tyrosine-phosphorylation-regulated kinase 1A
<b>Name Alias:</b>	DYR1A; DYRK; MNB; MNBH; HP86; DYRK1; CCDS13653.1; ENSG00000157540
<b>UniProt ID:</b>	Q13627

### Peptide Structure

<b>Peptide Name:</b>	DYRKtide KinSub
<b>Peptide Origin:</b>	Optimized substrate peptide for DRK1 and DRK1A
<b>Peptide Sequence Location:</b>	Not applicable
<b>Peptide Sequence:</b>	RRRFRPASPLRGPPK
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Acid
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1791.2
<b>% Peptide Purity:</b>	> 95
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	D96-58
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	For assaying the phosphotransferase activities of Dual specificity tyrosine-phosphorylation-regulated kinase 1A (DYRK1a, UniProt ID Q13627).
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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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