

PE-01ARC85-P

FRAP1 (2170-2184) Peptide Powder

16-mer immunogen peptide based on mTOR (FRAP)



KINEXUS

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Target Protein

Name Long:	Mammalian target of rapamycin (FRAP); FKBP12-rapamycin complex-associated protein
Name Alias:	DJ576K7.1; FK506 binding protein 12-rapamycin associated protein 1; FK506 binding protein 12-rapamycin associated protein 2; FK506-binding protein 12-rapamycin complex-associated protein 1; FKBP12-rapamycin complex-associated protein 1; FKBP-rapamycin associated protein; FLJ44809; FRAP; FRAP2; RAPT1; mTOR; CCDS127.1; ENSG00000198793
Species Origin:	Human
UniProt ID:	P42345

Peptide Structure

Peptide Name:	FRAP1 (2170-2184)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	R2170-F2184
Peptide Sequence:	CRKLTLMGSNGHEFVF
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1838.2
Observed Peptide Mass:	1838.9
% Peptide Purity:	85
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:	KMP01CAK-01
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the mTOR-1 rabbit polyclonal antibody (Cat. No.: NK116-5) that is also available from Kinexus.
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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)