

CAP18 (rabbit)

PRODUCT DESCRIPTION

CAP18 (rabbit) is a 37-amino-acid synthetic peptide. A synthetic peptide used as a research tool in biochemistry, pharmacology, and biomedical research. This peptide enables the study of protein-protein interactions, receptor binding, enzyme substrate specificity, and signal transduction pathways. Available in high purity (>=95% by HPLC) as a lyophilized powder for reconstitution in appropriate buffers.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2473
CAS Number	152742-15-9
Molecular Weight	4433.3744 Da
Molecular Formula	C202H356N64O47
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

GLRKRLRKFRNKIKEKLLKIGQKIQGLLPKLAPRTDY

Three-Letter Code:

H-Gly-Leu-Arg-Lys-Arg-Leu-Arg-Lys-Phe-Arg-Asn-Lys-Ile-Lys-Glu-Lys-Leu-Lys-Lys-Ile-Gly-Gln-Lys-Ile-Gln-Gly-Leu-L
eu-Pro-Lys-Leu-Ala-Pro-Arg-Thr-Asp-Tyr-OH

RESEARCH APPLICATIONS

Application	Biological activity
Biomarker Target	Peptide Target
Research Area	Biomedical Research
Sub-category	Research Peptides & Tools

STORAGE & HANDLING

Storage Temperature	-20 deg C
Form	Lyophilized
Stability	Lyophilized product stable for 24 months at -20 deg C
Reconstitution	Reconstitute in sterile water or appropriate buffer
After Reconstitution	Aliquot and store at -20 to -80 deg C
Avoid	Repeated freeze-thaw cycles

AVAILABLE SIZES

Size Options	1 mg, 10 mg
--------------	-------------

Usage

Research use

QUALITY CONTROL

Purity Method	HPLC, Mass Spectrometry (MS)
Identity	Confirmed by ESI-MS or MALDI-TOF
Purity	Peak Area by HPLC >=95%
Documentation	Certificate of Analysis (CoA) available upon request