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DATASHEET

A11

Product overview

Name	A11
Cat No	HB9579
Biological description	ANXA1 (Annexin A1) derived peptide. Blocks the competition of ANXA1 with the E3 ubiquitin ligase Cbl for EphA2 binding, leading to downregulation of EphA2 expression and inhibition of nasopharyngeal carcinoma (NPC) growth and metastasis.
Biological action	Peptide
Purity	>95%
Description	ANXA1 (Annexin A1) derived peptide. Blocks ANXA1-EphA2 interaction.

Solubility & Handling

Storage instructions	-20°C
Solubility overview	Soluble in aqueous buffer
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

Chemical Data

Molecular Weight	2767.19
Molecular Formula	$C_{117}H_{204}N_{46}O_{32}$
Sequence (one letter)	YGRKKRRQRRREYVQTVKSSKG
Sequence (three letter)	H-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Glu-Tyr-Val-Gln-Thr-Val-Lys-Ser-Ser-Lys-Gly-OH

References

ANXA1 Binds and Stabilizes EphA2 to Promote Nasopharyngeal Carcinoma Growth and Metastasis

Feng J *et al* (2020) Cancer Res 80(20)

PubMedID [32737118](#)
