

Datasheet for 000-000-M33**LL-37, Rhodamine conjugated****Overview**

Description:	LL-37, Rhodamine conjugated peptide - 000-000-M33
Item No.:	000-000-M33
Size:	1 mg

Product Details

Background:	LL-37 is a cleaved antimicrobial residue peptide of hCAP18 (human cationic antimicrobial protein, 18kDa) in the family of cathelicidin. Cathelicidins are predominantly found in the peroxidase negative granules of neutrophils. And it has been shows broad antimicrobial activity towards gram negative and gram positive bacteria.
Synonyms:	Cathelicidin antimicrobial peptide, 18 kDa cationic antimicrobial protein, CAP-18, hCAP-18, Antibacterial protein FALL-39, FALL-39 peptide antibiotic, Antibacterial protein LL-37, CAMP, CAP18, FALL39, HSD26, control peptide, blocking peptide
Conjugate:	Rhodamine (TRITC)
Type:	Peptide

Target Details

Purity/Specificity:	Greater than 90% specific peptide.
Relevant Links:	• SDS

Application Details

Application Note:	LL-37, K-TAMRA Control Peptide is suitable for use in ELISA, Western Blot, Dot blot, PCA, and other assays. Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by dry weight
Buffer:	None
Preservative:	None
Stabilizer:	None
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 2 - 8 ° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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