

Product Datasheet

CP7 Control Synthetic Peptide

NBP2-31231

Unit Size: 1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-31231**CP7 Control Synthetic Peptide**

Product Information	
Unit Size	1 mg
Concentration	Lyoph
Storage	Store at -20C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Please contact technical support for detailed reconstitution instructions.
Purity	>95%, by HPLC.

Product Description	
Description	<p>A peptide to CP7 Control.</p> <p>Amino Acid Sequence: <u>RNTISGNIYSARRRRRRRRR</u></p> <p>Inhibitor Content: CP7, Control Peptide: 1 mg (lyophilized) RNTISGNIYSARRRRRRRRR (Control sequence: RNTISGNIYSA). Molecular weight: 2601</p> <p>Inhibitor Family: TLR Inhibitor Target: TLR4 Inhibitor Type: Inhibitor Peptide Set</p>
Species	Human
Preparation Method	<p>Preparation of 5 mM CP7 Stock Solution Note: Bring the peptide to room temperature and quick spin the tubes before opening the caps.</p> <p>CP7: A final volume of 76 ul will make a 5 mM stock solution. Add 76 ul sterile H2O to the tube of peptide. Carefully pipet to ensure all of the peptide is dissolved.</p> <p>The stock solution may be diluted further to make working solutions. Dilute according to the needs for your assay. For example dilute 5 mM stock solutions 1:10 in sterile 1X PBS or cell culture media to make 500 uM working solutions. Working solutions should be made fresh daily and not stored.</p>
Inhibitor Family	TLR
Inhibitor Target	TLR4
Inhibitor Content	CP7, Control Peptide: 1 mg (lyophilized) RNTISGNIYSARRRRRRRRR (Control sequence: RNTISGNIYSA). Molecular weight: 2601
Product Application Details	
Applications	In vitro assay
Recommended Dilutions	In vitro assay

Publications

Mempin M, Hu H, Vickery K et al. Gram-Negative Bacterial Lipopolysaccharide Promotes Tumor Cell Proliferation in Breast Implant-Associated Anaplastic Large-Cell Lymphoma Cancers (Basel) 2021-10-22 [PMID: 34771464] (ELISA, Functional Assay)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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