



upstate

now part of Millipore

Certificate of Analysis

28820 Single Oak Drive • Temecula, CA 92590
Technical Support: T: 800 437-7500 • F: 800 437-7502
www.millipore.com

IGF-1Rtide

Catalog # 12-527

Lot # DAM1418270

Product Description: Synthetic peptide (Ac-KKK SPGEYVNIEFG-NH₂) corresponding to amino acids 1-14 of Chain B of the IGF-1R. Use at 250 μ M final concentration as the substrate for *in vitro* IGF-1R kinase assays.

Molecular Weight: 1637 Daltons

Purity: \geq 90% as determined by HPLC.

Formulation: 1 mg peptide lyophilized from 1 ml sterile, distilled water. Lyophilized powder.

Rehydration: Rehydrate in either sterile, distilled water or kinase reaction buffer.

Storage and Stability: Lyophilized: Stable for 2 years at -20°C from date of shipment. Rehydrated: Stable for 6 months at -20°C. Aliquot rehydrated solution to avoid repeated freezing and thawing.

**FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Quality Control Testing

Analytical Tests: Peptide identity confirmed by MALDI-ToF MS and Amino Acid analysis.

Research Applications

Kinase Assay: Substrate for IGF-1R (Δ 1-958), active (Catalog # 14-465) and Flt1, active (Catalog # 14-562).

Reference:

1. Favelyukis, S., *et al.*, Nature Struct. Biol. **8**: 1058-1063, 2001.

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, *in vitro* diagnostic uses, *ex vivo* or *in vivo* therapeutic uses or any type of consumption or application to humans or animals.

©2007: Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.