

### IRS1 peptide ab204862

描述	
产品名称	IRS1多肽
纯度	> 95 % HPLC.
无动物成分	No
性质	Synthetic
序列	KKKSPGEYVNIEFG
氨基酸	891 to 902

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab204862</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Functional Studies HPLC
形式	Lyophilized
补充说明	ab204862 (IRS1 peptide) can be utilized as a substrate for the following active protein kinases:  <b>ab187246</b> (Active human ALK protein fragment) <b>ab84771</b> (Active human VEGF Receptor 1 full length protein) <b>ab71657</b> (Active IGF1 Receptor protein fragment) <b>ab84791</b> (Active human Ret protein fragment) <b>ab125624</b> (Active human ROS protein fragment)

制备和贮存	
稳定性和存储	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.
复溶	Dilute peptide in 20mM Tris-HCl, pH 7.5 solution to a final concentration of 1 mg/ml. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature.

<b>功能</b>	May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit.
<b>疾病相关</b>	Polymorphisms in IRS1 may be involved in the etiology of non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853].
<b>序列相似性</b>	Contains 1 IRS-type PTB domain. Contains 1 PH domain.
<b>翻译后修饰</b>	Serine phosphorylation of IRS1 is a mechanism for insulin resistance. Ser-312 phosphorylation inhibits insulin action through disruption of IRS1 interaction with the insulin receptor. Phosphorylation of Tyr-896 is required for GRB2-binding.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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