

Glycogen synthase 1/GYS1 peptide ab204860

描述

产品名称	Glycogen synthase 1/GYS1多肽
纯度	> 95 % HPLC.
无动物成分	No
性质	Synthetic
序列	YRRAAVPPSPSLSRHSSPHQ(pS)EDEEE
氨基酸	636 to 661

技术指标

Our **Abpromise guarantee** covers the use of **ab204860** 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	ab204860 (Glycogen synthase 1/GYS1 peptide) can be utilized as a substrate for the following active protein kinases: ab60863 (Active human GSK3 beta full length protein) ab63193 (Active human GSK3 beta full length protein) This product was previously labelled as Glycogen synthase 1

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 25mM 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.

常规信息

功能	Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.
通路	Glycan biosynthesis; glycogen biosynthesis.
疾病相关	Defects in GYS1 are the cause of muscle glycogen storage disease type 0 (GSD0b) [MIM:611556]; also known as muscle glycogen synthase deficiency. GSD0b is a metabolic disorder characterized by fasting hypoglycemia presenting in infancy or early childhood. The role of muscle glycogen is to provide critical energy during bursts of activity and sustained muscle work.
序列相似性	Belongs to the glycosyltransferase 3 family.

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

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