

Glycogen synthase 1/GYS1 peptide ab204860

製品の詳細

製品名	Glycogen synthase 1/GYS1 peptide
精製度	> 95 % HPLC.
Animal free	No
由来	Synthetic
配列	YRRAAVPPSPSLSRHSSPHQ(pS)EDEEE
領域	636 to 661

特性

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.

アプリケーション	Functional Studies HPLC
製品の状態	Lyophilized
備考	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

前処理および保存

保存方法および安定性	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.
再構成	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.

関連情報

機能	Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.
パスウェイ	Glycan biosynthesis; glycogen biosynthesis.
関連疾患	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.
配列類似性	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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