

## POMK 抗原（重组蛋白）

中文名称： POMK 抗原（重组蛋白）

英文名称： POMK Antigen (Recombinant Protein)

别名： protein-O-mannose kinase; SGK196; MDDGA12; MDDGC12

相关类别： 抗原

储存： 冷冻（-20℃）

### 概述

Fusion protein corresponding to a region derived from 151-350 amino acids of human POMK

### 技术规格

<b>Full name:</b>	protein-O-mannose kinase
<b>Synonyms:</b>	SGK196; MDDGA12; MDDGC12
<b>Swissprot:</b>	Q9H5K3
<b>Gene Accession:</b>	BC113703
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a protein that may be involved in the presentation of the laminin-binding O-linked carbohydrate chain of alpha a-dystroglycan (a-DG), which forms transmembrane linkages between the extracellular matrix and the exoskeleton. Some pathogens use this O-linked carbohydrate unit for host entry. Loss of function compound heterozygous mutations in this gene were found in a human patient affected by the Walker-Warburg syndrome (

WWS) phenotype. Mice lacking this gene contain misplaced neurons (heterotopia) in some regions of the brain, possibly from defects in neuronal migration. Alternative splicing of this gene results in multiple transcript variants.