

Mouse G6pc2 peptide

Cat. No. G6pc2-16M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Synthesized Mouse G6pc2(206 - 214 aa) peptide.
Species	Mouse
Source	Synthetic
ProteinLength	206-214 a.a.
Description	This peptide is the cell peptide corresponding to residues 206–214 of murine islet-specific glucose-6-phosphatase catalytic subunit-related protein (IGRP). This peptide is T cells specific for proinsulin and islet-specific glucose-6-phosphatase catalytic subunit related protein (IGRP) induce diabetes in non-obese diabetic (NOD) mice.
Molecular Mass	1096.3
AA Sequence	VYLKTNVFL
Purity	% Peak Area By HPLC ≥ 95%
Storage	Store at -20 centigrade.

GENE INFORMATION

Gene Name	G6pc2 glucose-6-phosphatase, catalytic, 2 [Mus musculus]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	G6pc2
Synonyms	G6PC2; glucose-6-phosphatase, catalytic, 2; glucose-6-phosphatase 2; G6Pase 2; G-6-Pase 2; glucose-6-phosphate catalytic 2; islet specific glucose-6-phosphatase; glucose-6-phosphatase, catalytic, related sequence; islet-specific glucose-6-phosphatase catalytic subunit-related protein; IGRP; G6pc-rs;
Gene ID	14378
mRNA Refseq	NM_021331
Protein Refseq	NP_067306
UniProt ID	Q9Z186
Chromosome Location	2 C2; 2 39.66 cM
Pathway	Glucose transport, organism-specific biosystem; Hexose transport, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	catalytic activity; NOT glucose-6-phosphatase activity; hydrolase activity;