

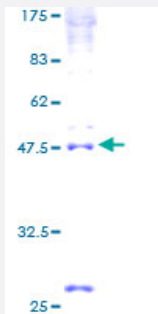
Full-Length

INSIG2 (Human) Recombinant Protein (P01)

Catalog # H00051141-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human INSIG2 full-length ORF (AAH22475, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAEGETEPPGPKKCGPYISSVTSQSVNLMIRGVVLFFIGVFLALVLNLLQQRNVTLPDPDVASIFS SAWWVPPCCGTASAVIGLLYPCIDRHLGEPHKFKREWSSVMRCVAVFVGINHASAKVDFDNNIQ LSLTLAALSIGLWWTFDRSRSGFGLGVGIAFLATVVTQPLVYNGVYQYTSPDFLYVRSWLPCIFFA GGITMGNIGRQLAVYECKVIAEKSHQE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.49
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — INSIG2

Entrez GeneID [51141](#)

GeneBank Accession# [BC022475](#)

Protein Accession# [AAH22475](#)

Gene Name INSIG2

Gene Alias MGC26273

Gene Description insulin induced gene 2

Omim ID [608660](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is highly similar to the protein product encoded by gene INSIG1. Both INSIG1 protein and this protein are endoplasmic reticulum proteins that block the processing of sterol regulatory element binding proteins (SREBPs) by binding to SREBP cleavage-activating protein (SCAP), and thus prevent SCAP from escorting SREBPs to the Golgi. [provided by RefSeq]

Other Designations INSIG2 membrane protein|insulin induced protein 2

Disease

- [Adenocarcinoma](#)

- [Asthma](#)
- [Atherosclerosis](#)
- [Behavior Therapy](#)
- [Birth Weight](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Insulin Resistance](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Overweight](#)
- [Polycystic Ovary Syndrome](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Weight Gain](#)
- [Weight Loss](#)