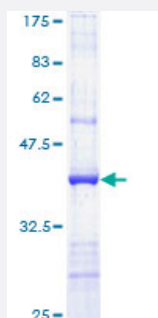


PPARG (Human) Recombinant Protein (Q01)

Catalog # H00005468-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PPARG partial ORF (NP_619726, 366 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FEFAVKFNALELDDSDLAIFIAVILSGDRPGLLNVPKPIEDIQDNLLQALELQLKLNHPESQLFAKLLQKMTDLRQVTEHVQLLQVIKKTETDMSLHPLLQENYKDLY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — PPARG

Entrez GeneID [5468](#)

GeneBank Accession# [NM_138712](#)

Protein Accession# [NP_619726](#)

Gene Name PPARG

Gene Alias CMT1, NR1C3, PPARG1, PPARG2, PPARGgamma

Gene Description peroxisome proliferator-activated receptor gamma

Omim ID [137800](#) [151660](#) [601487](#) [601665](#) [604367](#) [609830](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described. [provided by RefSeq]

Other Designations OTTHUMP00000185030|OTTHUMP00000185033|OTTHUMP00000185037|PPAR gamma|nuclear receptor subfamily 1 group C member 3|peroxisome proliferative activated receptor gamma|peroxisome proliferative activated receptor, gamma|peroxisome proliferator activated receptor

Pathway

- [Pathways in cancer](#)
- [PPAR signaling pathway](#)
- [Thyroid cancer](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adenomatous Polyps](#)
- [Albuminuria](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Angina Pectoris](#)
- [Anorexia Nervosa](#)
- [Aortic Aneurysm](#)
- [Arrhythmogenic Right Ventricular Dysplasia](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Biliary Tract Neoplasms](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Bone Diseases](#)
- [Brain Ischemia](#)
- [Breast cancer](#)

- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cellulitis](#)
- [Cerebrovascular Accident](#)
- [Chest Pain](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Crohn Disease](#)
- [Dementia](#)
- [Dental Plaque](#)

- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Drug Toxicity](#)
- [Dyslipidemias](#)
- [Dyspepsia](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fatty Liver](#)
- [Femur Head Necrosis](#)
- [Fetal Membranes](#)
- [Gallstones](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Glucose Intolerance](#)

- [Glucose Metabolism Disorders](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Growth Disorders](#)
- [Hearing Loss](#)
- [Helicobacter Infections](#)
- [Hepatitis](#)
- [Hirsutism](#)
- [HIV Infections](#)
- [HIV-Associated Lipodystrophy Syndrome](#)
- [Hodgkin Disease](#)
- [Hyperandrogenism](#)
- [Hypercholesterolemia](#)
- [Hyperglycemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hypertrophy](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Leiomyoma](#)

- [Lipid Metabolism](#)
- [Lipid Metabolism Disorders](#)
- [Lipodystrophy](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Mental Status Schedule](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Orbital Diseases](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)

- [Ovarian Neoplasms](#)
- [Overweight](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Peptic Ulcer](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Prediabetic State](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Sarcoidosis](#)
- [Schizophrenia](#)

- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Starvation](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Syndrome](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Ventricular Dysfunction](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)