Proteoliposomes | Full-Length

ADRB3 (Human) Recombinant Protein

Catalog # H00000155-G01 Size 10 ug

Specification

Product Description	Human ADRB3 full-length ORF (NP_000016.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MAPWPHENSSLAPWPDLPTLAPNTANTSGLPGVPWEAALAGALLALAVLATVGGNLLVIVAIAWT PRLQTMTNVFVTSLAAADLVMGLLVVPPAATLALTGHWPLGATGCELWTSVDVLCVTASIETLCA LAVDRYLAVTNPLRYGALVTKRCARTAVVLVWVVSAAVSFAPIMSQWWRVGADAEAQRCHSNP RCCAFASNMPYVLLSSSVSFYLPLLVMLFVYARVFVVATRQLRLLRGELGRFPPEESPPAPSRSL APAPVGTCAPPEGVPACGRRPARLLPLREHRALCTLGLIMGTFTLCWLPFFLANVLRALGGPSLV PGPAFLALNWLGYANSAFNPLIYCRSPDFRSAFRRLLCRCGRRLPPEPCAAARPALFPSGVPAA RSSPAQPRLCQRLDGASWGVS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.5
Interspecies Antigen Sequence	Mouse (80); Rat (80)
Form	Liquid
Preparation Method	*in vitro* wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

- Antibody Production

Gene Info — ADRB3

Entrez GeneID	155
GeneBank Accession#	NM_000025.1
Protein Accession#	NP_000016.1
Gene Name	ADRB3
Gene Alias	BETA3AR
Gene Description	adrenergic, beta-3-, receptor
Omim ID	109691 601665
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the family of beta adrenergic receptors, which medi ate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This r eceptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and the rmogenesis. [provided by RefSeq
Other Designations	Beta-3 Adrenergic Receptor

Pathway

- Calcium signaling pathway
- Endocytosis
- Neuroactive ligand-receptor interaction

Disease

- Acanthosis Nigricans
- Albuminuria
- Alzheimer disease
- Amyotrophic lateral sclerosis
- Anorexia Nervosa

- Arteriosclerosis
- Arthritis
- Atherosclerosis
- Atrial Fibrillation
- Behavior Therapy
- Birth Weight
- Body Weight
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Bulimia
- Cardiomyopathy
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Colon cancer
- Colorectal Neoplasms
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Cystitis
- Diabetes
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Retinopathy

- Disease Progression
- Diseases in Twins
- Drug Toxicity
- Edema
- Endometrial Neoplasms
- Fatty Liver
- Fibromyalgia
- Fractures
- Gallstones
- Genetic Predisposition to Disease
- Glaucoma
- Glomerulonephritis
- Glucose Intolerance
- Glucose Metabolism Disorders
- Heart Failure
- Hepatitis
- Hirsutism
- HIV-Associated Lipodystrophy Syndrome
- Hyperandrogenism
- Hypercholesterolemia
- Hyperglycemia
- Hyperlipidemias
- Hypertension
- Hypertrophy
- Hyperuricemia
- Infertility

- Inflammation
- Insulin Resistance
- Kidney Failure
- Liver Diseases
- Low Tension Glaucoma
- Lupus Erythematosus
- Lymphoma
- Metabolic Diseases
- Metabolic Syndrome X
- Myocardial Infarction
- Myocardial Ischemia
- Neoplasms
- Obesity
- Osteoporosis
- Overweight
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Pregnancy Complications
- Psychiatric Status Rating Scales
- Puberty
- Pulmonary Embolism
- Recurrence
- Schizophrenia
- Sleep Apnea
- Sleep Apnea Syndromes
- Stroke

- Syndrome
- Thinness
- Venous Thrombosis
- Weight Gain
- Weight Loss
- Werner syndrome