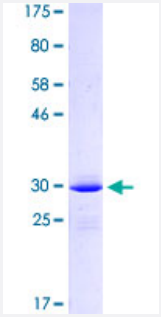
RXRA (Human) Recombinant Protein

Catalog # H00006256-Q02 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RXRA partial ORF (NP_002948.1, 27 a.a. - 94 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SMAAPSLHPSLGPGIGSPGQLHSPISTLSSPINGMGPPFSVISSPMGPHSMSVPTTPTLGFSTGSPQL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.89
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 — RXRA

Entrez GeneID	6256
GeneBank Accession#	NM_002957
Protein Accession#	NP_002948.1
Gene Name	RXRA
Gene Alias	FLJ00280, FLJ00318, FLJ16020, FLJ16733, MGC102720, NR2B1
Gene Description	retinoid X receptor, alpha
Omim ID	180245
Gene Ontology	Hyperlink
Gene Summary	Retinoid X receptors (RXRs) and retinoic acid receptors (RARs), are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors exert their action by binding, as homodimers or heterodimers, to specific sequences in the promoters of target genes and regulating their transcription. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. [provided by RefSeq
Other Designations	OTTHUMP00000022510

Pathway

- Adipocytokine signaling pathway
- Non-small cell lung cancer
- Pathways in cancer

- PPAR signaling pathway
- Small cell lung cancer
- Thyroid cancer

Disease

- Adenoma
- Alcoholism
- Alzheimer disease
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Bile Duct Neoplasms
- Bipolar Disorder
- Carcinoma
- Cardiovascular Diseases
- Colonic Neoplasms
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Restenosis
- Coronary Stenosis
- Diabetes Complications
- Diabetes Mellitus
- Dyslipidemias
- Edema
- Gallbladder Neoplasms
- Gallstones
- Genetic Predisposition to Disease

- Head and Neck Neoplasms
- Hypercholesterolemia
- Hyperlipidemia
- Hyperlipidemias
- Kidney Failure
- Kidney Neoplasms
- Lung Neoplasms
- Mental Disorders
- Metabolic Syndrome X
- Microsatellite Instability
- Neoplasm Recurrence
- Neoplasms
- Obesity
- Osteoporosis
- Prostate cancer
- Prostatic Neoplasms
- Psoriasis
- Pulmonary Disease
- Recurrence
- Schizophrenia
- Tobacco Use Disorder
- Tonsillitis
- Urinary Bladder Neoplasms

- Werner syndrome