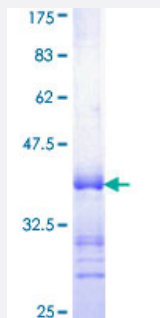


RARB (Human) Recombinant Protein (Q01)

Catalog # H00005915-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RARB partial ORF (AAH60794, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MFDCMDVLSVSPGQILDFYTASPSSCMLQEKALKACFSGLTQTEWQHRHTAQSIETQSTSSEEL VPSPPSPLPPPRVYKPCFVCQDKSSGYHYGVSACEG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — RARB

Entrez GeneID [5915](#)

GeneBank Accession# [BC060794](#)

Protein Accession# [AAH60794](#)

Gene Name RARB

Gene Alias HAP, NR1B2, RRB2

Gene Description retinoic acid receptor, beta

Omim ID [180220](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes retinoic acid receptor beta, a member of the thyroid-steroid hormone receptor superfamily of nuclear transcriptional regulators. This receptor localizes to the cytoplasm and to subnuclear compartments. It binds retinoic acid, the biologically active form of vitamin A which mediates cellular signalling in embryonic morphogenesis, cell growth and differentiation. It is thought that this protein limits growth of many cell types by regulating gene expression. The gene was first identified in a hepatocellular carcinoma where it flanks a hepatitis B virus integration site. The gene expresses at least two transcript variants; one additional transcript has been described, but its full length nature has not been determined. [provided by RefSeq]

Other Designations HBV-activated protein|RAR-epsilon|hepatitis B virus activated protein|retinoic acid receptor beta 2|retinoic acid receptor beta 4|retinoic acid receptor beta 5|retinoic acid receptor, beta polypeptide

Pathway

- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Creutzfeldt-Jakob Syndrome](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
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- [Myopia](#)
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- [Osteoporosis](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)