

RAR Related Orphan Receptor Gamma (RORg) Recombinant Protein | RORg recombinant protein

Recombinant RAR Related Orphan Receptor Gamma (RORg)

CATALOG #	HOST	APPLICATIONS
AAA20244	E. coli	SDS-Page, Western Blot, ELISA, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

RAR Related Orphan Receptor Gamma (RORg); Recombinant RAR Related Orphan Receptor Gamma (RORg); RORg recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	>95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for RORg recombinant protein	SDS-PAGE, WB (Western Blot), ELISA, IP (Immunoprecipitation), ChIP (Chromatin Immunoprecipitation), Amine Reactive Labeling
Organism Species	Homo Sapiens (Human)
Source	Prokaryotic expression.
Residues	Glu212~Ser461
Tags	N-terminal His-Tag
Tissue Specificity	Skeletal Muscle, Kidney.
Subcellular Location	Nucleus.
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Predicted Molecular Mass	32.5kDa
Accurate Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE



Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255918
NCBI GeneID	6097
NCBI Accession #	NP_001001523.1
NCBI GenBank Nucleotide #	NM_001001523.1
UniProt Accession #	P51449; Q5SZR9; Q8N5V7; Q8NCY8
NCBI Official Full Name	nuclear receptor ROR-gamma isoform b
NCBI Official Synonym Full Names	RAR-related orphan receptor C
NCBI Official Symbol	RORC
NCBI Official Synonym Symbols	TOR; RORG; RZRG; NR1F3; RZR-GAMMA
NCBI Protein Information	nuclear receptor ROR-gamma; nuclear receptor RZR-gamma; retinoic acid-binding receptor gamma; retinoid-related orphan receptor gamma; RAR-related orphan receptor C, isoform a; RAR-related orphan nuclear receptor variant 2; nuclear receptor subfamily 1 group F member 3
UniProt Protein Name	Nuclear receptor ROR-gamma
UniProt Gene Name	RORC
UniProt Synonym Gene Names	NR1F3; RORG; RZRG
UniProt Entry Name	RORG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.