

Nuclear Receptor Subfamily 3, Group C, Member 1 (NR3C1) Recombinant Protein | NR3C1 recombinant protein

Recombinant Nuclear Receptor Subfamily 3, Group C, Member 1 (NR3C1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135500	E Coli	Homo sapiens (Human)	Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Nuclear Receptor Subfamily 3; Group C; Member 1 (NR3C1); Recombinant Nuclear Receptor Subfamily 3; NR3C1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLV FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGDHPPK SDGSTSGSGH HHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTG GSGIEGRGS MGYRGSEF-L VSLLEVIEPE VLYAGYDSSV PDSTWRIMTT LNMLGGRQVI AAVKWAKAIP GFRNLHLDQ MTLLQYSWMF LMAFALGWSR YRQSSANLLC FAPDLINEQ RMTLPCMYDQ CKHMLYVSSE LHRLQVSYEE YLCMKTL LLL SSVPKDGLKS QELFDEIRMT YIKELGKAIV KREGNSSQNW QRFYQLTKLL DSMHEVVE
Sequence Length	777
Applicable Applications for NR3C1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Subcellular Location	Cytoplasm. Mitochondrion.
Expression System	Prokaryotic expression
Residues	Leu532~Glu730 (Accession # P04150) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Cytoplasm. Mitochondrion. Nucleus
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.3
Reconstitution	Reconstitute in ddH2O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504133
NCBI GeneID	2908
NCBI Accession #	NP_000167.1
NCBI GenBank Nucleotide #	NM_000176.2
UniProt Accession #	P04150; P04151; Q53EP5; Q6N0A4; A0ZXF9; B0LPG8; D3DQF4
Molecular Weight	55.6kDa
NCBI Official Full Name	glucocorticoid receptor isoform alpha
NCBI Official Synonym Full Names	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)
NCBI Official Symbol	NR3C1
NCBI Official Synonym Symbols	GR; GCR; GRL; GCCR
NCBI Protein Information	glucocorticoid receptor; glucocorticoid nuclear receptor variant 1
UniProt Protein Name	Glucocorticoid receptor
UniProt Gene Name	NR3C1
UniProt Synonym Gene Names	GRL; GR
UniProt Entry Name	GCR_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.