

Nuclear Receptor Subfamily 1, Group D, Member 1 Recombinant Protein | NR1D1 recombinant protein

Recombinant Nuclear Receptor Subfamily 1, Group D, Member 1 (NR1D1)

CATALOG # AAA145952	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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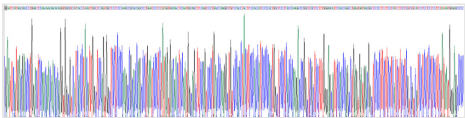
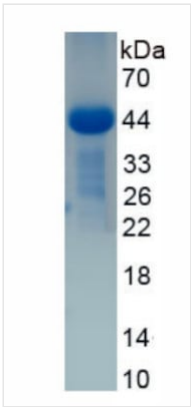
PRODUCT SYNONYMS

Nuclear Receptor Subfamily 1; Group D; Member 1; Recombinant Nuclear Receptor Subfamily 1; Member 1 (NR1D1); V-erbA-related protein 1; NR1D1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 80%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5% Trehalose
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for NR1D1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Ala325
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Cytoplasm
Predicted isoelectric point	8.9
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
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 12 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.

IMAGES

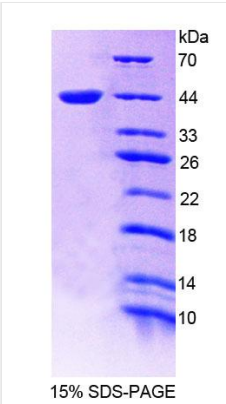


Identification

SDS_PAGE

MTLDSNNNT GGVITYIGSS GSSPSRTSPE SLYSDNSNGS FQSLTQGCPT
YFPPSPTGSL TQDPARFSGS IPPSLSDDGs PSSSSSSSSS SSSFYNGSPP
GSLQVAMEDS SRVSPSKSTS NITKLNGMVL LCKVCGDVAS GFHYGVHACE
GCKGFFRRSI QQNIQYKRCL KNENCSIVRI NRNRCCQCRF KKCLSVGMRSR
DAVRFGRIPK REKQRLAEM QSAMNLANNQ LSSQCPLETS PTQHPTPGPM
GPSPPAPVP SPLVGFSQFP QQLTPPRSPS PEPTVEDVIS QVARAHREIF
TYAHDKLGSS PGNFNANHAS GSPPA

Gene Sequence



15% SDS-PAGE

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13430848
NCBI GeneID	9572
NCBI Accession #	NP_068370.1
NCBI GenBank Nucleotide #	NM_021724.4
Molecular Weight	Predicted Molecular Mass: 38.3kDa Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	nuclear receptor subfamily 1 group D member 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 1 group D member 1
NCBI Official Symbol	NR1D1
NCBI Official Synonym Symbols	EAR1; hRev; THRA1; THRAL; ear-1
NCBI Protein Information	nuclear receptor subfamily 1 group D member 1
UniProt Protein Name	Nuclear receptor subfamily 1 group D member 1
UniProt Gene Name	NR1D1
UniProt Synonym Gene Names	EAR1; HREV; THRAL; EAR-1
UniProt Entry Name	NR1D1_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.

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Online datasheet: <https://www.aaabiotech.com/nr1d1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145952>