

Recombinant Full Length Human NR2C1 Protein, GST-tagged

Cat. No. NR2C1-6736HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NR2C1 full-length ORF (NP_001027458.1, 1 a.a. - 467 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	467 amino acids
Description	This gene encodes a nuclear hormone receptor characterized by a highly conserved DNA binding domain (DBD), a variable hinge region, and a carboxy-terminal ligand binding domain (LBD) that is typical for all members of the steroid/thyroid hormone receptor superfamily. This protein also belongs to a large family of ligand-inducible transcription factors that regulate gene expression by binding to specific DNA sequences within promoters of target genes. Multiple alternatively spliced transcript variants have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]
Molecular Mass	77.6 kDa
AA Sequence	MATIEEIAHQIIEQQMGEIVTEQQTGQKIQIVTALDHNTQGKQFILTNHDGSTPSKVILA RQDSTPGKVFLTTPDAAGVNQLFFFTTPDLAQHLQLLTDNSPDQGPNKVF ^{FDLCVVC} GDKASGRHYGAVTCEGCKGFFKRSIRK ^{NLVY} SCRGSKDCIINKHHRNRCQY ^{CRLQR} CIAFGMKQDSVQCERKPIEVSREKSSNCAASTEKIYIRKDLRSPLTATPTFVTDSEST RSTGLLDSGMFMNIHPSGVKTESAVLMTSDKAESCQGD ^{LSTLANVVTSLANL} GKTK

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DLSQNSNEMSMIESLSNDDTSLCEFQEMQTNGDVSRAFDTLAKALNPGESTACQSS
 VAGMEGSVHLITGDSSINYTEKEGPLLSDSHVAFRLTMPSPMPEYLNVHYIGESASR
 LLFLSMHWALSIPSFQALGQENSISLVKAYWNEFLTLGLAQCWQVMNVATILATFVN
 CLHNSLQQAEG

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name NR2C1 nuclear receptor subfamily 2, group C, member 1 [Homo sapiens]

Official Symbol NR2C1

Synonyms NR2C1; nuclear receptor subfamily 2, group C, member 1; TR2; nuclear receptor subfamily 2 group C member 1; TR2 11; orphan nuclear receptor TR2; TR2 nuclear hormone receptor; nuclear receptor subfamily 2, group C isoform;

Gene ID 7181

mRNA Refseq NM_001032287

Protein Refseq NP_001027458

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MIM	601529
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UniProt ID	P13056
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