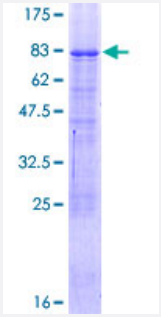
Full-Length

NR2C1 (Human) Recombinant Protein (P01)

Catalog # H00007181-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NR2C1 full-length ORF (NP_001027458.1, 1 a.a. - 467 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATIEEIAHQIIEQQMGEIVTEQQTGQKIQIVTALDHNTQGKQFILTNHDGSTPSKVILARQDSTPGKV FLTTPDAAGVNQLFFTTPDLSAQHLQLLTDNSPDQGPNKVFDLCVVCGDKASGRHYGAVTCEGC KGFFKRSIRKNLVYSCRGSKDCIINKHHRNRCQYCRLQRCIAFGMKQDSVQCERKPIEVSREKSSN CAASTEKIYIRKDLRSPLTATPTFVTDSESTRSTGLLDSGMFMNIHPSGVKTESAVLMTSDKAESC QGDLSTLANVVTSLANLGKTKDLSQNSNEMSMIESLSNDDTSLCEFQEMQTNGDVSRAFDTLAK ALNPGESTACQSSVAGMEGSVHLITGDSSINYTEKEGPLLSDSHVAFRLTMPSPMPEYLNVHYIGE SASRLLFLSMHWALSIPSFQALGQENSISLVKAYWNELFTLGLAQCWQVMNVATILATFVNCLHNS LQQAEG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	77.6
Interspecies Antigen Sequence	Mouse (86); Rat (85)
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 — NR2C1

Entrez GeneID	7181
GeneBank Accession#	NM_001032287.1
Protein Accession#	NP_001027458.1
Gene Name	NR2C1
Gene Alias	TR2
Gene Description	nuclear receptor subfamily 2, group C, member 1
Omim ID	601529
Gene Ontology	Hyperlink
Gene Summary	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 be longs to a large family of ligand-inducible transcription factors that regulate gene expression by bi nding to specific DNA sequences within promoters of target genes. Multiple alternatively spliced tr anscript variants have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq
Other Designations	TR2 nuclear hormone receptor|nuclear receptor subfamily 2, group C isoform|orphan nuclear rece ptor TR2|testicular receptor 2

Disease

- Tobacco Use Disorder