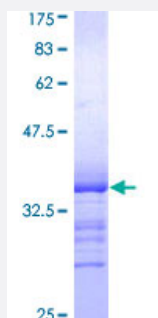


NR4A1 (Human) Recombinant Protein (Q01)

Catalog # H00003164-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NR4A1 partial ORF (AAH16147, 191 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SFSPPTGPSPSLAQSPKLFP SQATHQLGEGESYSMP TAFPGLAPTSPHLEGSGILDTPVTSTKA RSGAPGGSEGRCAVCGDNASCQHYG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
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 — NR4A1

Entrez GeneID [3164](#)

GeneBank Accession# [BC016147](#)

Protein Accession# [AAH16147](#)

Gene Name NR4A1

Gene Alias GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3

Gene Description nuclear receptor subfamily 4, group A, member 1

Omim ID [139139](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations TR3 orphan receptor|early response protein NAK1|growth factor-inducible nuclear protein N10|hormone receptor|orphan nuclear receptor HMR|steroid receptor TR3

Pathway

- [MAPK signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Narcolepsy](#)
- [Schizophrenia](#)