

Recombinant Human NR6A1

Cat. No. NR6A1-26466TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GCNF isoform 2 with N-terminal proprietary tag. Mol Wt 80.9 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	475 amino acids
Description	This gene encodes an orphan nuclear receptor which is a member of the nuclear hormone receptor family. Its expression pattern suggests that it may be involved in neurogenesis and germ cell development. The protein can homodimerize and bind DNA, but in vivo targets have not been identified. The gene expresses at least alternatively spliced transcript variants.
Molecular Weight	80.900kDa inclusive of tags
Tissue specificity	Shows highest expression in the germ cells of the adult testis.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MERDEPPPSGGGGGGGSAGFLEPPAALPPPPRNGFCQDEL AELDPGTNDRAEQR TCLICGDRATGLHYGIISCEGCKGFF KRSICNKRVRCSRDKNCVMSRKQRNRCQY CRLKCLQMG MNRKAIREGMPGGRNKSIGPVQISEEEIERIMSGQEFEE EANH SNHGSDHSSPGNRASESNQPSPGSTLSSRSVELN GFMAFREQYMGMSVPPHYQ YIPHLFSYSGHSPLLPQQARS LDPQSYSLIHQLLSAEDLE PLGTPMLIED GYAVTQA ELF ALLCRLADEL LFRQIAWIKK LPFFCELSIK DYTCLLSSTW QELILLSLT VYSK QIFGEL ADVTAKYSPS DEELHRFSDE GMEVIERLIY LYHKFHQLKV SNEEYACMK A INFLNQDIRG LTSASQLEQL NKRYWYICQD FTEYKYTHQP NRFPDMMCL PEIR YIAGKM VNVPLEQLPL LFKVVLHSCK TSVGKE
Sequence Similarities	Belongs to the nuclear hormone receptor family. NR6 subfamily. Contains 1 nuclear receptor DNA-binding domain.

GENE INFORMATION

Gene Name	NR6A1 nuclear receptor subfamily 6, group A, member 1 [Homo sapiens]
Official Symbol	NR6A1
Synonyms	NR6A1; nuclear receptor subfamily 6, group A, member 1; GCNF; nuclear receptor subfamily 6 group A member 1; GCNF1; RTR;
Gene ID	2649
mRNA Refseq	NM_001489
Protein Refseq	NP_001480

MIM	602778
Uniprot ID	Q15406
Chromosome Location	9q33.3
Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem;
Function	DNA binding; ligand-dependent nuclear receptor activity; metal ion binding; protein homodimerization activity; receptor activity;

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