

# Recombinant Human NR2F1

**Cat. No.** NR2F1-27964TH    **Lot. No.** (See product label)

## SPECIFICATION

|                           |                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Recombinant fragment of Human COUP TF1 with proprietary tag, Predicted MWt 36.63kDa including tag.                                                                     |
| <b>Species</b>            | Human                                                                                                                                                                  |
| <b>Source</b>             | Wheat Germ                                                                                                                                                             |
| <b>ProteinLength</b>      | 100 amino acids                                                                                                                                                        |
| <b>Description</b>        | COUP-TF1 (COUP Transcription Factor 1) also known as NR2F1 (Nuclear Receptor subfamily 2, group F, member 1) is a protein that in humans is encoded by the NR2F1 gene. |
| <b>Molecular Weight</b>   | 36.630kDa inclusive of tags                                                                                                                                            |
| <b>Form</b>               | Liquid                                                                                                                                                                 |
| <b>Purity</b>             | Proprietary Purification                                                                                                                                               |
| <b>Storage buffer</b>     | pH: 8.00Constituents:0.31% Glutathione, 0.79% Tris HCl                                                                                                                 |
| <b>Storage</b>            | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                              |
| <b>Sequences of amino</b> | CRLKKCLKVGMRRREAVQQRGRMPPTQPNPGQYALTNGDPLNGHCYLSGYISLLLR                                                                                                               |

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|                              |                                                                                                                                                                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>acids</b>                 | EPYPTSRYGSQLCMQPNMIGIENICELARLLFSAVEWARNIPFF                                                                                                                                                                                                                              |
| <b>Sequence Similarities</b> | Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain.                                                                                                                                                            |
| <b>GENE INFORMATION</b>      |                                                                                                                                                                                                                                                                           |
| <b>Gene Name</b>             | NR2F1 nuclear receptor subfamily 2, group F, member 1 [ Homo sapiens ]                                                                                                                                                                                                    |
| <b>Official Symbol</b>       | NR2F1                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>              | NR2F1; nuclear receptor subfamily 2, group F, member 1; ERBAL3, TFCOUP1; COUP transcription factor 1; COUP TFI; EAR 3; SVP44; TCFCOUP1;                                                                                                                                   |
| <b>Gene ID</b>               | 7025                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>           | NM_005654                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>        | NP_005645                                                                                                                                                                                                                                                                 |
| <b>MIM</b>                   | 132890                                                                                                                                                                                                                                                                    |
| <b>Uniprot ID</b>            | P10589                                                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b>   | 5q14                                                                                                                                                                                                                                                                      |
| <b>Pathway</b>               | Adipogenesis, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; |

**Function**

ligand-dependent nuclear receptor activity; ligand-regulated transcription factor activity; metal ion binding; protein binding; receptor activity;

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