Recombinant Human NR2C2 Protein (Ile25-Pro579), His tagged

Cat. No. NR2C2-5145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NR2C2 (Ile25-Pro579) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile25-Pro579
Description	Orphan nuclear receptor that can act as a repressor or activator of transcription. An important repressor of nuclear receptor signaling pathways such as retinoic acid receptor, retinoid X, vitamin D3 receptor, thyroid hormone receptor and estrogen receptor pathways. May regulate gene expression during the late phase of spermatogenesis. Together with NR2C1, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription including that of GATA1. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences.
Form	Lyophilized powder/frozen liquid
Molecular Mass	50.68 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	NR2C2 nuclear receptor subfamily 2, group C, member 2 [Homo sapiens (human)]
Official Symbol	NR2C2
Synonyms	NR2C2; nuclear receptor subfamily 2, group C, member 2; TR4; nuclear receptor subfamily 2 group C member 2; hTAK1; TAK1; TR2R1; testicular receptor 4; orphan nuclear receptor TR4; Nuclear hormone receptor TR4; TR4 nuclear hormone receptor; orphan nuclear receptor TAK1; testicular nuclear receptor 4;
Gene ID	7182
mRNA Refseq	NM_003298
Protein Refseq	NP_003289
MIM	601426
UniProt ID	P49116

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