Recombinant Human NR0B2 Protein, His-tagged

Cat. No. NR0B2-638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR0B2 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is an unusual orphan receptor that contains a putative ligand-binding domain but lacks a conventional DNA-binding domain. The gene product is a member of the nuclear hormone receptor family, a group of transcription factors regulated by small hydrophobic hormones, a subset of which do not have known ligands and are referred to as orphan nuclear receptors. The protein has been shown to interact with retinoid and thyroid hormone receptors, inhibiting their ligand-dependent transcriptional activation. In addition, interaction with estrogen receptors has been demonstrated, leading to inhibition of function. Studies suggest that the protein represses nuclear hormone receptor-mediated transactivation via two separate steps: competition with coactivators and the direct effects of its transcriptional repressor function.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	28.1 kDa

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	NR0B2 nuclear receptor subfamily 0, group B, member 2 [Homo sapiens]
Official Symbol	NR0B2
Synonyms	NR0B2; nuclear receptor subfamily 0, group B, member 2; nuclear receptor subfamily 0 group B member 2; SHP; nuclear receptor SHP; small heterodimer partner; orphan nuclear receptor SHP; SHP1; FLJ17090;
Gene ID	8431
mRNA Refseq	NM_021969
Protein Refseq	NP_068804
MIM	604630
UniProt ID	Q15466

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA