

Recombinant Full Length Human NR0B2 Protein, GST-tagged

Cat. No. NR0B2-6690HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NR0B2 full-length ORF (AAH30207, 1 a.a. - 257 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	257 amino acids
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. [provided by RefSeq]
Molecular Mass	54.01 kDa
AA Sequence	MSTSQPGACPCQGAASRPAILYALLSSSLKAVPRPRSRCLCRQHRPVQLCAPHRTC REALDVLAKTVAFLRNLPSPFWQLPPQDQRRLLQGCWGPLFLLGLAQDAVTFEVAEA

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PVPSILKKILLEPSSSSGGSGQLPDRPQP SLAAVQWLQCCLESFWSLELSPKEYACL
 KG TILFNPDPVGLQAASHIGHLQQAHWVLCEVLEPWCPAAQGRLTRVLLTASTLKS
 IPTSLLGDLFFRPIIGDV DIAGLLGDMLLLR

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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MIM	604630
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UniProt ID	Q15466
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