



# Recombinant Human Nuclear receptor subfamily 0 group B member 2 (NR0B2)

<b>Product Code</b>	CSB-MP624025HU
<b>Abbreviation</b>	NR0B2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q15466
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSTSQPGACP CQGAASRPALYALLSSSLK AVPRPRSRCL CRQHRPVQLC APHRTCREAL DVLAKTVAFL RNLPFSWQLP PQDQRLLQG CWGPLFLLGL AQDAVTFEVA EAPVPSILKK ILLEPSSSG GSGQLPDRPQ PSLAAVQWLQ CCLESFWSLE LSPKEYACLK GTILFNPDPV GLQAASHIGH LQQEAHWVLC EVLEPWCPAA QGRLTRVLLT ASTLKS IPTS LLDLFFRPI IGDVDIAGLL GDMLLL R
<b>Source</b>	Mammalian cell
<b>Target Names</b>	NR0B2
<b>Protein Names</b>	Recommended name: Nuclear receptor subfamily 0 group B member 2 Alternative name(s): Orphan nuclear receptor SHP Small heterodimer partner
<b>Expression Region</b>	1-257
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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.



## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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