

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ROR γ Peptide

Cat No.: BS5915P

Background

The nuclear orphan receptors ROR α and ROR γ are members of the nuclear hormone receptor superfamily. This family acts by directly associating with DNA sequences known as hormone response elements (HREs) and typically binds DNA as either homo- or heterodimers. ROR α and ROR γ are unique in that they bind DNA as monomers. ROR α has multiple isoforms that share common DNA- and putative ligand-binding domains, but differ in their aminoterminal domains, which are generated by alternative RNA processing. ROR γ comprises a 560 amino acid protein that shares 50% amino acid identity with ROR α and is most highly expressed in skeletal muscle. Although these proteins are considered "orphan receptors," due to a lack of defined ligands, experimental evidence has shown that melatonin may be the natural ligand for these nuclear receptors.

Swiss-Prot

P51449

Applications

Blocking

Specificity

This peptide can be used with studies using BS5915 ROR γ pAb.

Purification & Purity

Synthetic peptide ROR γ . (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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