

Recombinant Human NR3C1

Catalog No: #GP11597



Package Size: #GP11597-1 100ug

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Description

Product Name	Recombinant Human NR3C1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 528-777 amino acids of human NR3C1
Target Name	nuclear receptor subfamily 3 group C member 1
Other Names	GR; GCR; GRL; GCCR; GCRST
Accession No.	Swissprot:P04150Gene Accession:BC015610
Uniprot	P04150
GeneID	2908;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements in the promoters of glucocorticoid responsive genes to activate their transcription, and as a regulator of other transcription factors. This receptor is typically found in the cytoplasm, but upon ligand binding, is transported into the nucleus. It is involved in inflammatory responses, cellular proliferation, and differentiation in target tissues. Mutations in this gene are associated with generalized glucocorticoid resistance. Alternative splicing of this gene results in transcript variants encoding either the same or different isoforms. Additional isoforms resulting from the use of alternate in-frame translation initiation sites have also been described, and shown to be functional, displaying diverse cytoplasm-to-nucleus trafficking patterns and distinct transcriptional activities.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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