



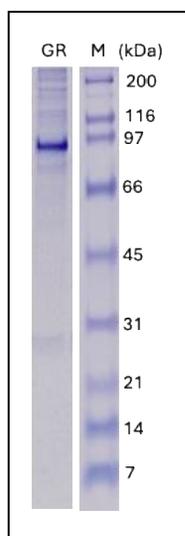
AscentGene, Inc.
900 Clopper Road
Suite 130
Gaithersburg, MD 20878

Recombinant GR (Sf9)

Catalog Number	Size
AG324-10	10ug
AG324-25	25ug
AG324-B	Bulk

Description

The recombinant Glucocorticoid Receptor (GR/NR3C1) was expressed in the baculovirus (Sf9) system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 791 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 90kDa.



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MHHHHHHGRRASVLEDSKESLTPGREENPSSVLAQERGDVMDFYKTLRGGATVKVSASSPSLAVASQSDSKQRRLLVDFPKGSVSNAQQPDLKAVSLMGLYMGETETKVMGNDLGFQQGQISLSSGETDLKLEESIANLNRSTSVPENPKSSASTAVSAAPTEKEFEFKTHSDVSSEQQHLKGQTGTNGGNVKLYTTDQSTFDILQDLEFSSGSPGKETNESPWRSDLLIDENCLLSPLAGEDDSFLLEGNSNEDCKPLILPDTKPKIKDNGDLVLSSPSNVTLPQVKTEKEDFIELCTPGVIKQEKLGTVYQCASFPGANIIGNKMSAISVHGVSTSGGQMYHYDMNTASLSQQDQKPIFNVI PPI PVGSENWNRCQGSDDNL TSLGTLNFPGR TVFSNGYS SPSMRPDVSSPPSSSS TATGPPP KLCVCSDEASGCHYGVLTCGSCKVFFKRAVEGQHNYLCAGRND CIIDKIRRKNC PACRYRKCLQAGMNLEARKTKKKIKGIQQATTGVSQETS ENPGNKTIVPATLPQLTPTLVSLLEVIEPEVLYAGYDSSVPDSTWRIMTTLNMLGGRQVIAAVKWAKAIPGFRNLHLDQMTLLQYSWMFLMAFALGWRSYRQSSANLLCFAPDLIINEQRM T L P C M Y D Q C K H M L Y V S S E L H R L Q V S Y E E Y L C M K T L L L L S S V P K D G L K S Q E L F D E I R M T Y I K E L G K A I V K R E G N S S Q N W Q R F Y Q L T K L L D S M H E V V E N L L N Y C F Q T F L D K T M S I E F P E M L A E I I T N Q I P K Y S N G N I K K L L F H Q K -
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Source

Sf9

Molecular Mass

Approximately 90kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Glucocorticoid receptor (GR) is a member of nuclear hormone receptor family and functions as a ligand-activated transcription factor. The recombinant GR protein is suitable for the studies of transcription assays, protein-protein interaction and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.



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Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (***Avoid repeated freeze-thaw cycle***)

FOR RESEARCH USE ONLY!!!