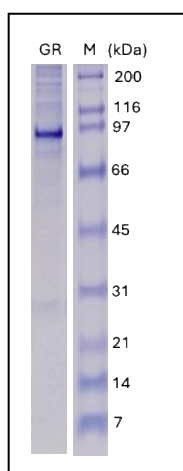


Recombinant GR Protein

Catalog Number	Size
AG1051-10	10ug
AG1051-25	25ug
AG1051-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.



MHHHHHHGRRASVLEDSKESLTPGREENPSSVLAQERGDVMDFYKTLRGGA
TVKVSASSPSLAVASQSDSKQRRLLVDFPKGSVSNAQQPDLSKAVSLMGL
YMGETETKVMGNDLGFPQQGQISLSSGETDLKLEESIANLNRSTSVENP
KSSASTAVSAAPTEKEFPKTHSDVSSEQQHLKGQTGTNGGNVKLYTTDQST
FDILQDLEFSSGSPGKETNESPWRSDDLIDENCILSPLAGEDDSFLLEGNS
NEDCKPLILPDTPKPKIKDNGDLVLSSPSNVTLPQVKTEKEDFIELCTPGVI
KQEKLGTVYCQASFPGANIIGNKMSAISVHGVSTSGGQMYHYDMNTASLSQ
QQDQKPIFNVIPIPIVGSSENWNRCCQSGDDNLTSLGTLNFPGRTVFNGYS
SPSMRPDVSSPPSSSSSTATTGPPPKLCLVCSDEASGCHYGVLTCGSKVFF
KRAVEGQHNYLCAGRNDICIIDKIRRKNCPCARYRKCLQAGMNLEARKTKKK
IKGIQQATTGVSQETSENPKNKTIVPATLPQLTPTLVSLLEVIEPEVLYAG
YDSSVPDSTWRIMTTLNMLGGRQVIAAVKWAKAIPGFRNLHLLDDQMTLLQY
SWMFLMAFALGWRYSYRQSSANLLCFAPDLIINEQRMTPCMYDQCKHMLYV
SSELHRLQVSYYYLCMKTLTLLSSVPKDGKLSQELFDEIRMTYIKELGKA
IVKREGNSSQNWRFYQLTKLLDSMHEVVENLLNYCFQTFLDKTMSTIEFPE
MLAEIITNQIPKYSNGNIKKLLFHQK-

Accession Number

NM_000176

Molecular Mass

Approximately 90kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Glucocorticoid Receptor (GR/NR3C1) can function as a transcription factor and a regulator of other transcription factors. 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.

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!!!