



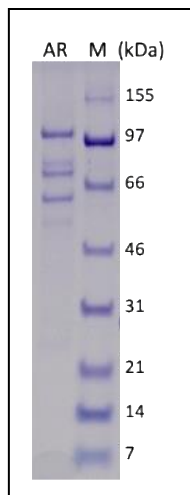
AscentGene, Inc.
900 Clopper Road
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Recombinant AR (Sf9)

Catalog Number	Size
AG319-10	10ug
AG319-25	25ug
AG319-B	Bulk

Description

The recombinant Androgen Receptor (AR) 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 941 amino acids with a Flag tag at the N-terminus and 8H tag at the C-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 105kDa.



MDYKDDDDKASMEVQLGLGRVYPRPPSKTYRGAFQNLFFQSVREVIQNPGP
RHPEAASAAPP GASLLLLLQQQQQQQQQQQQQQQQQQQQQQQETS PRQQQQ
QQGEDGSPQAHRRGPTGYLVLDDEEQQPSQPQSALECHPERGCVPEPGA
AASKGLPQQLPAPPPDEDDSAAPSTLSLLGPTFPGLSSCSADLKDI LSEAS
TMQLLQQQQQEAVSEGSSSSGRAREASGAPTSSKDNLYLGGTSTISDNA
CKAVSVSMGLGVEALEHLSPEQLRGDCMYAPLLGVPPAVRPTPCAPLAE
CKGSLDDDSAGKSTEDTAEYSPFKGGYTKGLEGESLGCSSGAAAGSSGTL
ELPSTLSLYKSGALDEAAAYQSRDYNNFPLALAGPPPPPPPPHPHARIKL
ENPLDYGSAAAAAQCRYGDLASLHGAGAAGPGSGSPSAAASSSWHTLF
TAEEGQLYGPCGGGGGGGGGGGGGGGGGGGGGGGGEAGAVAPYGYTRPPQG
LAGQESDFTAPDVWYPGGMVSRVPYPSPTCVKSEMGPWMDSYSGPYGDMR
LETARDHVLPIIDYFPPQKTCLICGDEASGCHYGALTCGSKVFFKRAAE
GKQKYL CASRNDCTIDKFRKNCPSCLRLKCYEAGMTLGARKLKKLGNLK
LQEEGEASSTTSPTTEETTQKLTVSHIEGYECQPIFLNVLEAIEPGVVCAG
HDNNQPD SFAALLSSLNELGERQLVHVVKWAKALPGFRNLHVDDQMAVIQ
YSWMGLMVFAMGWRSTFTNVNSRMLYFAPDLVFNEYRMHKS RMYSQCVMR
HLSQEFGLWQITPQEFLCMKALLLFSIIPVDGLKNQKFFDELRMNYIKEL
DRIIACKRKNPTSCSRRFYQLTKLLDSVQPIARELHQFTFDLLIKSHMVS
VDFPEMMAEIIISVQVPKILSGKVKPIYFHTQLEHHHHHHHHH*

Source

Sf9

Molecular Mass

Approximately 105kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Androgen receptor (AR) is a member of nuclear hormone receptor family and functions as a ligand-activated transcription factor. The recombinant AR 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!!!