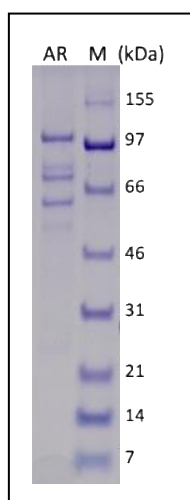


Recombinant AR Protein

Catalog Number	Size
AG1089-10	10ug
AG1089-25	25ug
AG1089-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.



MDYKDDDDKASMEVQLGLGRVYPRPPSKTYRGAQNLQSVREVIQNPGP
RHPEAASAAPPGLSLLLQQLQQQQQQQQQQQQQQQQQQQQQETSPRQQQQ
QQGEDGSPQAHRRGPTGYLVLDDEEQQPSQPQSALECHPERGCVPEPGA
AASKGLPQQLPAPDDEDDSAAPSTLSLLGPTFPGLSSCSADLKDILSEAS
TMQLLQQQQQEAQVSEGSSSGRAREASGAPTSSKDNLYLGGTSTISDN
CKAVSVSMGLGVEALEHLSPEQLRGDCMYAPLLGVPPAVRPTPCAPLAE
CKGSLDDDSAGKSTEDTAEYSPFKGGYTKGLEGESLGCSSGAAAGSSGTL
ELPSTLSLYKSGALDEAAAYQSRDYNNFPLALAGPPPPPPPPHARIKL
ENPLDYGSAWAAAAAQCRYGDLASLHGAGAAGPGSGSPSAAASSSWHTLF
TAEQGQLYGPCGGGGGGGGGGGGGGGGGGGGGGGEGAGAVAPYGYTRPPQ
LAGQESDFTAPDVWYPGGMVSRVPYPSPTCVKSEMGPWMDSYSGPYGDMR
LETARDHVLPIIDYFPPQKTCLICGDEASGCHYGALTGCGSCKVFFKRAE
GKQKYLCASTRNDCTIDKFRKNCPSCLRLKCYEAGMTLGARKLKKLGNL
LQEEGEASSTTSPTTEETQKLTVSHIEGYECQPIFLNVLEAIEPGVVCAG
HDNNQPDFAALLSSLNELGERQLVHVVKWAKALPGFRNLHVDDQMAVIQ
YSWMGLMVFAMGWRSTFNVNSRMLYFAPDLVFNEYRMHKSRYMSQCVRMR
HLSQEFGLWLQITPQEFCLMKALLLFSIIPVDGLKNQKFFDELRMNYIKEL
DRIIACKRKNPTSCSRRFYQLTKLLDSVQPIARELHQFTFDLLIKSHMVS
VDFPEMMAEIIISVQVPKILSGKVKPIYFHTQLEHHHHHHHHH*

Accession Number

NM_00044

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.



www.ascentgene.com

Tel: 1-800-689-2270 or 301-476-0885

Email: info@ascentgene.com

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!!!