



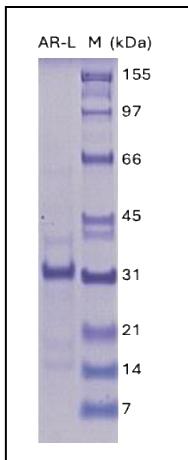
AscentGene, Inc.
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Recombinant AR-LBD (E coli)

Catalog Number	Size
AG241-10	10ug
AG241-25	25ug
AG241-B	Bulk

Description

The ligand-binding domain (LBD/650-920) of the Androgen Receptor (AR) was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 292 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 32kDa.



MAHHHHHHASGENLYFQGGGTSPTTEETTQKLTVSHIEGYECQPIFLNVLE
AIEPGVVCAGHDNNQPDFAALLSSLNELGERQLVHVVKWAALPGFRNLH
VDDQMAVIQYSWMGLMVFAMGWRSAFTNVNSRMLYFAPDLVNEYRMHKSRM
YSQCVRMRHLSQEFGLQITPQEFLCMKALLLFSIIPVDGLKNQKFFDEL
MNYIKELDRIIACKRKNPTSCSRRFYQLTKLLDSVQPIARELHQFTFDLLI
KSHMVSVDPEMMAEIISVQVPKILSGKVKPIYFHTQ*

Source	<i>E coli</i>
Molecular Mass	Approximately 32kDa.
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-LBD protein is suitable for the studies of transcription assays, protein-protein/protein-ligand 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. (<i>Avoid repeated freeze-thaw cycle</i>)

FOR RESEARCH USE ONLY!!!