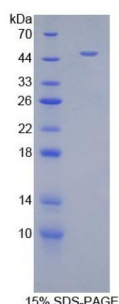
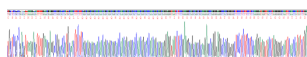


## Mouse Androgen Receptor (AR) Protein

Catalogue No.: abx065302



SDS-PAGE analysis of recombinant Mouse Androgen Receptor Protein.



Gene sequencing extract of recombinant Mouse Androgen Receptor Protein.

Mouse Androgen Receptor (AR) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

**Target:** Androgen Receptor (AR)

**Origin:** Mouse

**Expression:** Recombinant

**Tested Applications:** WB, SDS-PAGE

**Host:** E. coli

**Conjugation:** Unconjugated

**Form:** Lyophilized

**Activity:** Not tested

**Purity:** > 95%

# Datasheet

Version: 4.0.0  
Revision date: 15 Oct 2025



<b>Reconstitution:</b>	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH <sub>2</sub> O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
<b>Storage:</b>	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P19091 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	AR
<b>GeneID:</b>	<a href="#">11835</a>
<b>KEGG:</b>	mmu:11835
<b>String:</b>	<a href="#">10090.ENSMUSP00000052648</a>
<b>Molecular Weight:</b>	Calculated MW: 48.8 kDa Observed MW (SDS-PAGE): 52 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none"><li>1. Splice variants. Alternative splicing may create different sized proteins from the same gene.</li><li>2. Relative charge. The composition of amino acids may affect the charge of the protein.</li><li>3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.</li><li>4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.</li><li>5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.</li></ol>
<b>Sequence Fragment:</b>	Cys156-Ala310
<b>Sequence:</b>	CSADI KDILNEAGTM QLLQQQQQQQ QHQQQHQQHQ QQQEVISEGS SARAREATGA PSSSKDSYLG GNSTISDSAK ELCKAVSVSM GLGVEALEHL SPGEQLRGDC MYASLLGGPP AVRPTPCAPL PECKGLPLDE GPGKSTEETA EYSSFKGGYA
<b>Tag:</b>	N-terminal His tag and GST tag
<b>Buffer:</b>	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.
<b>Concentration:</b>	Prior to lyophilization: 200 µg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.