

## Androgen Receptor (AR) Recombinant Protein | AR recombinant protein

Recombinant Androgen Receptor (AR)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA152156</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

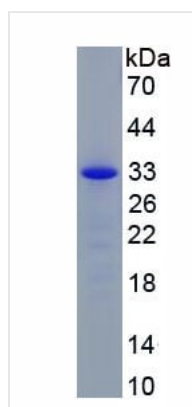
### PRODUCT SYNONYMS

Androgen Receptor (AR); Recombinant Androgen Receptor (AR); AR/Androgen Receptor; AIS; DHTR; HUMARA; KD; NR3C4; SBMA; SMAX1; TFM; Dihydrotestosterone receptor; Nuclear Receptor Subfamily 3; Group C; Member 4; Testicular Feminization; Kennedy Disease; AR recombinant protein

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                         |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Host                                               | E Coli                                                                                                                  |
| Purity/Purification                                | Greater than 95% by SDS-PAGE                                                                                            |
| Form/Format                                        | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder |
| Sequence                                           | Ile673~His 918                                                                                                          |
| Applicable Applications for AR recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                |
| Expression System                                  | Prokaryotic expression                                                                                                  |
| Species                                            | Human                                                                                                                   |
| Isoelectric Point                                  | 9                                                                                                                       |
| Tag                                                | N-terminal His Tag                                                                                                      |
| Endotoxin Level                                    | <1.0EU per 1ug (determined by the LAL method)                                                                           |
| Reconstitution                                     | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.                        |
| Subcellular Location                               | Nucleus, Cytoplasm                                                                                                      |
| Preparation and Storage                            | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored.            |

### IMAGES



Sequence

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IFLNVLKATEPGVVCAGHNNQPDFAALLSSLNELGERQLVHVVKAKALPGLRNHVDQMAVIQYSNGLNWFANGQRSTWNS
RMLYFAPDLVFNEYRHKSRYSQCVRRHLSQEFGLQITPQFLCKAKALLFSIIPVDGLKNQKFFDELRRNVIKELRIIAACKRK
NPTSCSRFFYQLTKLDSVQPIARELNQFTFDLLIKSHVSVDFPEPMAEIISVQPKILSGKVKPIVPH

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SDS-PAGE  
SDS-PAGE

ADDITIONAL INFORMATION

|                                                      |                                                           |
|------------------------------------------------------|-----------------------------------------------------------|
| Product Categories/Family for AR recombinant protein | Reproductive science; Prokaryotic Recombinant proteins/RP |
|------------------------------------------------------|-----------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21322252                                                                                                                            |
| NCBI GeneID                      | 367                                                                                                                                 |
| NCBI Accession #                 | NP_000035.2                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_000044.3                                                                                                                         |
| UniProt Accession #              | P10275; Q9UD95; A2RUN2; B1AKD7                                                                                                      |
| Molecular Weight                 | 98,989 Da                                                                                                                           |
| NCBI Official Full Name          | androgen receptor isoform 1                                                                                                         |
| NCBI Official Synonym Full Names | androgen receptor                                                                                                                   |
| NCBI Official Symbol             | AR                                                                                                                                  |
| NCBI Official Synonym Symbols    | KD; AIS; TFM; DHTR; SBMA; HYSPP1; NR3C4; SMAX1; HUMARA                                                                              |
| NCBI Protein Information         | androgen receptor; dihydrotestosterone receptor; androgen nuclear receptor variant 2; nuclear receptor subfamily 3 group C member 4 |
| UniProt Protein Name             | Androgen receptor                                                                                                                   |
| UniProt Gene Name                | AR                                                                                                                                  |
| UniProt Synonym Gene Names       | DHTR; NR3C4                                                                                                                         |
| UniProt Entry Name               | ANDR_HUMAN                                                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ar-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152156>