

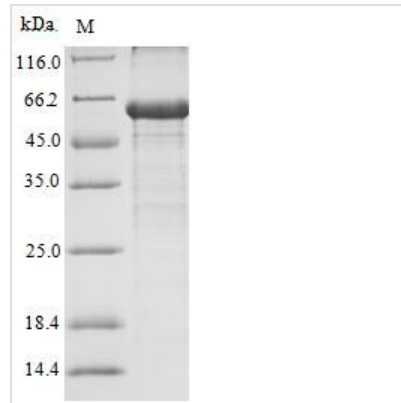


# Recombinant Human Androgen receptor (AR), partial

<b>Product Code</b>	CSB-EP001975HU
<b>Relevance</b>	Steroid hormone receptors are ligand-activated transcription factors that regulate eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Transcription factor activity is modulated by bound coactivator and corepressor proteins. Transcription activation is down-regulated by NR0B2. Activated, but not phosphorylated, by HIPK3 and ZIPK/DAPK3. Isoform 3 and isoform 4 lack the C-terminal ligand-binding domain and may therefore constitutively activate the transcription of a specific set of genes independently of steroid hormones.
<b>Abbreviation</b>	Recombinant Human AR protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P10275
<b>Alias</b>	Dihydrotestosterone receptor Nuclear receptor subfamily 3 group C member 4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	DYYFPPQKTCLICGDEASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDC TIDKFRRNKNCPSCLRKCYEAGMTLGARKLKKLGNLKLQEEGEASSTTSPTEE TTQKLTVSHIEGYECQPIFLNVLEAIEPGVVCAGHDNNQPDSFAALLSSLNELG ERQLVHVVKWAKALPGFRNLHVDDQMAVIQYSWMGLMVFAMGWR SFTNVN SRMLYFAPDLVFNEYRMHKSRMYSQCVRMRHLSQEFGLQITPQEFLCMKA LLLFSIIPVDGLKNQKFFDELRMNYIKELDRIIACKRKNPTSCSRRFYQLTKLLDS VQPIARELHQFTFDLLIKSHMVSVD FPEMMAEII SVQVPKILSGKVKPIYFHT
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Target Names</b>	AR
<b>Protein Names</b>	Recommended name: Androgen receptor Alternative name(s): Dihydrotestosterone receptor Nuclear receptor subfamily 3 group C member 4
<b>Expression Region</b>	551-919aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	62.4kDa

**Protein Length**

Partial

**Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.