Recombinant Human AR Protein, GST tagged

Cat. No. AR-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AR Protein (551-919 aa) with GST tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	551-919 aa
Description	The Androgen Receptor (AR) is a ligand (androgen) activated transcription factor and a member of the nuclear receptor (NR) superfamily.
Form	Sterile 50mM Tris, 500mM NaCl, 10% Glycerol, 5mM EDTA, 2mM DTT, 1mM PMSF and cocktail
Molecular Mass	74 kDa
AASequence	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDGSTSGSGHH HHHHSAGLVPRGSTAIGMKETAAAKFERQHMDSPDLGTGGGSGDDDDKSPMDYY FPPQKTCLICGDEASGCHYGALTCGSCKVFFKRAAEGKQKYLCASRNDCTIDKFRR KNCPSCRLRKCYEAGMTLGARKLKKLGNLKLQEEGEASSTTSPTEETTQKLTVSHIE GYECQPIFLNVLEAIEPGVVCAGHDNNQPDSFAALLSSLNELGERQLVHVVKWAKAL PGFRNLHVDDQMAVIQYSWMGLMVFAMGWRSFTNVNSRMLYFAPDLVFNEYRMH

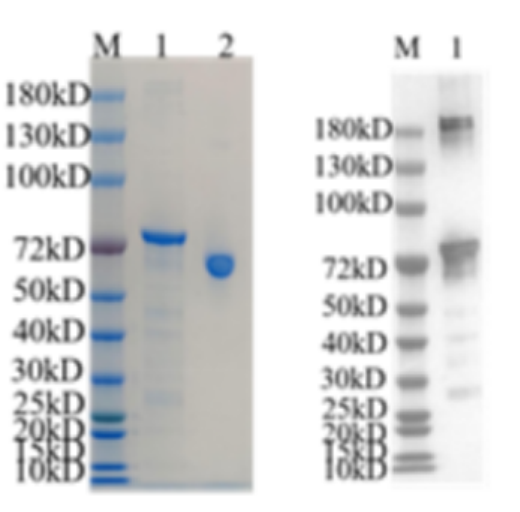
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	KSRMYSQCVRMRHLSQEFGWLQITPQEFLCMKALLLFSIIPVDGLKNQKFFDELRMN YIKELDRIIACKRKNPTSCSRRFYQLTKLLDSVQPIARELHQFTFDLLIKSHMVSVDFP EMMAEIISVQVPKILSGKVKPIYFHT
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.232 mg/mL by Bradford

GENE INFORMATION

Gene Name	AR androgen receptor [Homo sapiens (human)]
Official Symbol	AR
Synonyms	AR; androgen receptor; DHTR, dihydrotestosterone receptor, SBMA, spinal and bulbar muscular atrophy; AIS; HUMARA; Kennedy disease; NR3C4; SMAX1; testicular feminization; dihydrotestosterone receptor; androgen nuclear receptor variant 2; nuclear receptor subfamily 3 group C member 4; KD; TFM; DHTR; SBMA; HYSP1;
Gene ID	367
mRNA Refseq	NM_000044
Protein Refseq	NP_000035
MIM	313700

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UniProt ID	P10275
SDS-PAGE and WB	 Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-GST Mouse Monoclonal Antibody) analysis profiles of purified AR. 1. AR 2. BSA

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