

Recombinant Human AR protein, His-tagged

Cat. No. AR-9788H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AR protein(1-285 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-285 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MEVQLGLGRVYPRPPSKTYRGA FQNLFQSVREVIQNPGPRHPEAASAAPP GASLLL LQQQQQQQQQQQQQQQQQQQQQ QETSPRQQQQQQGEGD GSPQAHRRGPTGYLV LDEEQPSQPQSALECHPERGCVPEPGA AAVAASKGLPQQLPAPPDEDDSAAPSTL SLLGPTFPGLSSCSADLKDILSEASTMQLLQQQQQEAVSEGSSSGRAREASGAPTS SKDNYLGGTSTISDNAKELCKAVSVSMGLGVEALEHLSPGEQLRGDCMYAPLLGVP PAVRPTPCAPL
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

AR androgen receptor [Homo sapiens]

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

UniProt ID

P10275

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