

AR

Recombinant Human Androgen Receptor (AR) His

Catalog No.	CRA164A CRA164B CRA164C	Quantity:	10 µg 50 µg 100 µg
Alternate Names:	AIS, DHTR, HUMARA, KD, NR3C4, SBMA, SMAX1, TFM		
Description:	The androgen receptor (AR), also known as NR3C4 (nuclear receptor subfamily 3, group C, member 4), is a type of nuclear receptor which is activated by binding of either of the androgenic hormones testosterone or dihydrotestosterone. The androgen receptor is most closely related to the progesterone receptor, and progestins in higher dosages can block the androgen receptor. The main function of the androgen receptor is as a DNA binding transcription factor which regulates gene expression. However, the androgen receptor has other functions as well. Androgen regulated genes are critical for the development and maintenance of the male sexual phenotype.		
Gene ID:	367		
Protein Accession No:	NP_000035		
Source:	<i>E. coli</i>		
Molecular Weight:	62 kDa + 6x His tag		
Formulation:	Lyophilized from a 0.2 µm filtered liquid solution containing 0.1 M NaHCO ₃ , 0.5 M NaCl, pH 7.5.		
Purity:	>95%, determined by SDS-PAGE (reducing) and stained with Coomassie blue.		
Purification:	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)		
Reconstitution:	Reconstitute with sterile distilled water to 0.1 - 1.0 mg/ml.		
Applications:	ELISA, Western blotting, Dot blotting, Protein array. It is recommended that the users should optimize the working conditions in their own assay systems.		
Storage & Stability:	Store, as supplied, for up to 2 weeks at 2-8°C, or for up to 1 year at -20°C to -80°C . Reconstitute as directed, prepare aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.