

Retinoic Acid Receptor Alpha Human Recombinant

Item Number	rAP-4410
Synonyms	Retinoic acid receptor alpha, RAR-alpha, Nuclear receptor subfamily 1 group B member 1, RAR, NR1B1, RARA.
Description	RARA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 127 amino acids (68-173 a.a.) and having a molecular mass of 14kDa (molecular weight on SDS-PAGE will appear higher). The RARA fused to a 21 amino acid his tag at N-terminus and is purified by proprietary
Uniprot Accession Number	P10276
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSEEIVSPPP SPPPLPRIYK PCFVCQDKSS GYHYGVSACE GCK-GFFRRSI QKNMVYTCHR DKNCIINKVT RNRCQYCRLQ KCFEVGMSKESVRNDRNKKK KEVPKPE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The protein solution (1mg/1ml) contains 20mM Tris-HCl pH-7.5, 0.1M NaCl & 5mM b-mercaptoethanol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**