

Vitamin D Receptor Human Recombinant

Item Number	rAP-4200
Synonyms	Vitamin D3 receptor, VDR, 1,25-dihydroxyvitamin D3 receptor, Nuclear receptor subfamily 1 group I member 1, VDR, NR111.
Description	Vitamin D Receptor Human Recombinant produced in E.Coli is a full length protein consisting of 427 amino acids having a molecular weight of 48.3kDa and fused with 5.5kDa amino-terminal His-Flag tag.VDR is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P11473
Amino Acid Sequence	MSYYHHHHHHYDIPTTDYKDDDDKDYKDDDDKENLYFQGEFMEA- MAASTSLPDPGDFDRNVPRICGVCGDRATGFHFNAMTCEGCKGFFRRSMKRKALFTCPFNGDCRITKDN RRHCQACRLKRCVDIGMMKEFILTDEEVQRKREMILKRKEEEALKDSLRLPKLSEEQQRIAILLDAHHKTYDP TYSDFCQFRPPVRVNDGGGSHPSRPNSRHPTSFSGDSSSSCDHCITSSDMMDDSSSFNLDLSEEDSDD PSVTLELSQLSMLPHLADLVSYSIQKVIGFAKMIPGFRDLTSEDQIVLLKSSAIEVIMLRSNESFTMDDMSWT CGNQDYKYRVSDVTKAGHSLELIEPLIKFQVGLKKLNLHEEEHVLLMAICIVSPDRPGVQDAALIEAIQDRLS
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.Please avoid freeze thaw cycles.
Formulation and Purity	VDR protein is supplied in 50mM Tris, 150mM NaCl and 10% Glycerol, pH 7.5. Greater than 70.0% 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**