

Apolipoprotein-D Human Recombinant, HEK

Item Number	rAP-0329
Synonyms	Apolipoprotein D, Apo-D, ApoD.
Description	Apolipoprotein-D Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (aa 21-189) containing a total of 175 amino acids, having a molecular mass of 20.1kDa (calculated) and fused to a 6 aa His tag at C-Terminus. The Human APOD is purified by proprietary chromatographic tech-
Uniprot Accession Number	P05090
Amino Acid Sequence	QAFHLGKCPN PPVQENFDVN KYLGRWYEIE KIPTTFENGR CIQANYSLME NGKIKVLNQE LRADGTVN- QI EGEATPVNLT EPAKLEVKFS WFMPSPYWI LATDYENYAL VYSCTCIIQL FHVDFAWILA RNP NLP- PETV DSLKNILTSN NIDVKKMTVT DQVNCPKLSH HHHHH.
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.
Formulation and Purity	Filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell cultur
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**