

Recombinant Human Apo-D

CATALOG #: 4326-10 10 µg
4326-1000 1 mg

LOT #: _____

SYNONYMS: Apolipoprotein D, Apo-D, ApoD

SOURCE: *E. coli*

PURITY: >95% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng/µg of Apo-D.

MOLECULAR WT: 19.8 kDa

FORM: Lyophilized from 1 mg/ml in 4 mM KH₂PO₄, 16 mM Na₂HPO₄ and 115 mM NaCl pH7.5.

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in dH₂O to a working volume of 0.5 mg/ml and let the lyophilized pellet dissolve completely. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized human Apo-D is best-stored desiccated below 0°C. Reconstituted Apo-D should be stored in working aliquots at -20°C.

DESCRIPTION:

Apolipoprotein-D (Apo-D) is mainly associated with high density lipoproteins in human plasma. It is expressed in numerous tissues having high levels of expression in spleen, testes and brain. Apo-D is a multi-ligand, multi-functional transporter and transports a ligand from 1 cell to another within an organ, scavenge a ligand within an organ for transport to the blood or could transport a ligand from the circulation to specific cells within a tissue. The recombinant human Apo-D expressed from E.Coli is a single, non-glycosylated, Polypeptide chain containing 174 amino acids and having a molecular mass of 19.8 kDa.

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