

Recombinant Human APOA4 Protein (His Tag)

Catalog Number:PKSH030503



Note: Centrifuge before opening to ensure complete recovery of vial contents.

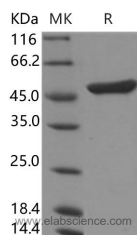
Description

Synonyms	Apolipoprotein A-IV; Apo-AIV; ApoA-IV; Apolipoprotein A4; APOA4
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Ser396
Accession	NP_000473.2
Calculated Molecular Weight	44.8 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

Apolipoprotein is genetically associated with the risk of Alzheimer's disease (AD). The APOA1, APOC3, and APOA4 genes are closely linked and located on human chromosome 11. There was a decreased trend for levels of APOA1, APOC3, and APOA4 in AD patients. **CONCLUSION:** Low levels of APOA1, APOC3, and APOA4 are associated with risk of AD. APOA1, APOC3, and APOA4 should be developed as combined drugs for the therapy of AD. SNP(single nucleotide polymorphisms)in APOA1and APOA4 genes influences atherogenic characteristics of LDL particles in response to diet.

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