



Recombinant Human Apolipoprotein A-1

Datasheet

Catalog Number: PR27175

Product Type: Recombinant Protein

Source: E. Coli

Synonyms: Apolipoprotein A-I, Apo-AI, ApoA-I, APOA1, MGC117399.

Amino Acid Sequence: MDEPPQSPWD RVKDLATVYV DVLKDSGRDY VSQFEGSALG KQLNLKLLDN
WDSVTSTFSK LREQLGPVTQ EFWDNLEKET EGLRQEMSKD LEEVKAKVQP
YLDDFQKKWQ EEMELYRQKV EPLRAELQEG ARQKLHELQE KLSPLGEEMR
DRARAHVDAL RTHLAPYSDE LRQLAARLE ALKENGGARL AEYHAKATEH
LSTLSEKAKP ALEDLRQGLL PVLESFKVSF LSALEEYTKK LNTQ.

Description/Molecular Mass: Apolipoprotein A-I Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 244 amino acids and having a molecular mass of 28.2kDa. The APOA1 is purified by proprietary chromatographic techniques.

Purity: Greater than 97.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Format: The APOA1 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.0.

It is recommended to reconstitute the lyophilized APOA1 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized Apolipoprotein A-I although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution APOA1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid freeze-thaw cycles

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RSKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

7/07v1

www.neuromics.com

Neuromics Antibodies • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics.com