

Recombinant Mouse Apolipoprotein E(Apoe)

Catalog No: #AP70048

Package Size: #AP70048-1 20ug #AP70048-2 100ug #AP70048-3 1mg

Description

Product Name	Recombinant Mouse Apolipoprotein E(Apoe)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-311aaSequence Info:Full Length
Accession No.	P08226
Calculated MW	38 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	EGEPEVTDQLEWQSNQPWEQALNRFWDYLRWVQTLSDQVQEELQSSQVTQELTALMEDTMTEVKAYKKEL EEQLGPVAEETRARLGKEVQAAQARLGADMEDLRNRLGQYRNEVHTMLGQSTEEIRARLSTHLRKMRLM RDAEDLQKRLAVYKAGAREGAERGVSAIRERLGPLVEQGRQRTANLGAGAAQPLRDRAQAFGDRIRGRLEE VGNQARDRLEEVREHMEEVRSKMEEQTQQIRLQAEIFQARLKGWFEPIVEDMHRQWANLMEKIQASVATNPPI TPVAQENQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B,E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues.

References

CD36 ligands promote sterile inflammation through assembly of a Toll-like receptor 4 and 6 heterodimer.Stewart C.R., Stuart L.M., Wilkinson K., van Gils J.M., Deng J., Halle A., Rayner K.J., Boyer L., Zhong R., Frazier W.A., Lacy-Hulbert A., El Khoury J., Golenbock D.T., Moore K.J.Nat. Immunol. 11:155-161(2010)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.