APOM, 23-188aa, Human, His tag, E.coli

Cat.NO.: TP01200

3th Edition

Synonyms: Apolipoprotein M, G3a, HSPC336, NG20.

Description: Apolipoproteins are protein components of plasma lipoproteins. APOM is a member of the lipocalin family of proteins. APOM is exclusively expressed in kidney tubular epithelial cells and liver hepatocytes. APOM is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport.

Form: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT.

Molecular Weight:20.9 kDa (187aa), confirmed by MALDI-TOF

Sequences:
MGSSHHHHHHSSGLVPRGSHMCPEHSQLTTLGVDGKEFPEVHLGQWYFIAGAAPTKEELATFDPVDNIVFNMAAG
SAPMQLHLRATIRMKDGLCVPRKWIYHLTEGSTDLRTEGRPDMKTELFSSSCPGGIMLNETGQGYQRFLLYNRSP
HPPEKCVEEFKSLTSCLDSKAFLLTPRNQEACELSNN

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.