

Recombinant Mouse APLN protein(Met1-Phe77), mFc-tagged

Cat. No. APLN-2368M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse APLN (Q9R0R4) (Met1-Phe77) was expressed in HEK293 with the Fc region of Mouse IgG2a at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Phe77
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Mouse APLN consists of 297 amino acids and predicts a molecular mass of 33.57 kDa. It migrates as an approximately 40.07 kDa, 38.40 kDa and 31.65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ApIn apelin [Mus musculus]
Official Symbol	APLN
Synonyms	APLN; apelin; preproapelin; APJ endogenous ligand; Apel; 6030430G11Rik;
Gene ID	30878
mRNA Refseq	NM_013912
Protein Refseq	NP_038940

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