

Recombinant Human APLN protein, GST-tagged

Cat. No. APLN-301470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APLN (38-77 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn38-Phe77
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	NVRHLVQPRGSRNGPGPWQGGRRKFRRQRPRLSHKGPMPPF
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

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Gene Name	APLN apelin [Homo sapiens]
Official Symbol	APLN
Synonyms	APLN; apelin; apelin, AGTRL1 ligand; XNPEP2; AGTRL1 ligand; APJ endogenous ligand; APEL;
Gene ID	8862
mRNA Refseq	NM_017413
Protein Refseq	NP_059109
MIM	300297
UniProt ID	Q9ULZ1

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