

Active Recombinant Human ALPPL2 protein, His-Avi-tagged, Biotinylated

Cat. No. ALPPL2-2862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ALPPL2 protein(Ile 20-Asp 503), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile 20-Asp 503
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris,150 mM NaCl,pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Human ALPG / ALPPL2 Protein,His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Anti-ALPG / ALPPL2 with a linear range of 0.1-4 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™)The protein has a calculated MW of 56.2 kDa. The protein migrates as 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation Biotin

GENE INFORMATION

Gene Name ALPPL2 alkaline phosphatase, placental-like 2 [Homo sapiens]

Official Symbol ALPPL2

Synonyms ALPPL2; alkaline phosphatase, placental-like 2; alkaline phosphatase, placental-like; ALP-1; Nagao isozyme; germ cell alkaline phosphatase; alkaline phosphatase Nagao isozyme; placental-like alkaline phosphatase; testicular and thymus alkaline phosphatase; ALPG; GCAP; ALPPL;

Gene ID 251

mRNA Refseq NM_031313

Protein Refseq NP_112603

MIM 171810

UniProt ID P10696

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