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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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