

Active Recombinant Human ALPG protein, His-tagged

Cat. No. ALPG-418H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALPG protein(Ile 20 - Asp 503), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile 20 - Asp 503
Form	Lyophilized from 0.22 µm filtered solution in 20mM Tris,150mM NaCl,pH 7.5 with trehalose as protectant.
Bio-activity	Immobilized Human ALPG, His Tag at 1 µg/mL (100 µL/well) can bind Anti - ALPG / ALPPL2 with a linear range of 0.002-0.125 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 54.5 kDa. The protein migrates as 60-66 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.
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

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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.

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