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32-18259: Human ALB Protein, His Tag

Uniprot ID : P02768
Alternative Name : HSA;PRO0883;PRO0903;PRO1341

Description

Description : Recombinant Human ALB with C-terminal 6×His tag
Background : This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor.
Molecular Characterization: mass of 67.3 kDa after removal of the signal peptide.The apparent molecular mass of ALB-His is approximately 55-70 kDa due to glycosylation.
Tag :C-6×His Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

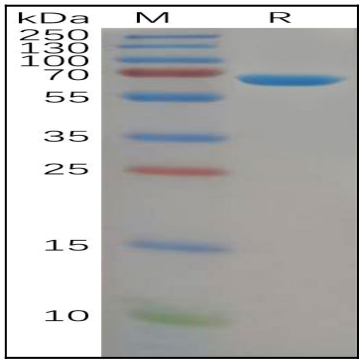

Figure 1. Human ALB Protein, His Tag on SDS-PAGE under reducing condition.

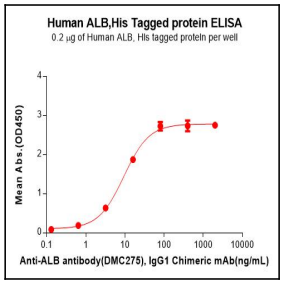

Figure 2. ELISA plate pre-coated by 2 Î¼g/mL (100 Î¼L/well) Human ALB Protein, His Tag can bind Anti-ALB antibody(DMC275), IgG1 Chimeric mAb in a linear range of 3.20-16 ng/mL.