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ALB, 19-609aa , Human, His tag, Insect cell

产品货号: TP01119

第三版

别名: Serum albumin , PRO0883, PRO0903, PRO1341

描述: ALB, also known as Serum albumin, is the most abundant protein in human blood plasma. This protein constitutes about half of the blood serum protein. It is soluble and monomeric. Albumin transports hormones, fatty acids, and other compounds, buffers pH, and maintains osmotic pressure, among other functions. Albumin is synthesized in the liver as preproalbumin, which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. Recombinant human ALB, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.

分子量: 68kDa (597aa) 50-70kDa (SDS-PAGE under reducing conditions.)

序列:

RGVFRRDAHKSEVAHRFKDLGEENFKALVLI AFAQYLQQCPFEDHVKLVNEVTEFAKTCVADESAENC DKSLHTLFGDK
LCTVATLRETYGEMADCCAKQEPERNECFLQHKDDNP NLPRLVRPEVDVMCTAFHDNEETFLKKYLYEIARRHPYFYAP
ELLFFAKRYKAAFTECCQAADKAACLLPKLD ELRDEGKASSAKQRLK CASLQKFGERAFKAWAVARLSQRFPKAEFAE VSK
LVTDLTKVHTECCHGDLLECADDRADLAKYICENQDSISSKLKECCEKPLLEKSHCIAEVENDEMPADLPSLAADFVESKD
VCKNYAEAKDVFLGMFLYFYARRHPDYSV VLLLR LAKTYETTLEKCCAAADPHECYAKVFDEFKPLVEEPQNLIQNCEL
FEQLGEYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGSKCKHPEAKRMPCAEDYLSVVLNQLCVLHEKTPVSDRV
TKCCTESLVNRRPCFSALEVDETYVPKEFNAETFTFHADICTLSEKERQIKKQTALVELVKHKPKATKEQLKAVMDDFAAF
VEKCKADDKETCF AEEGKKLVAASQAALGLHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.