

Product datasheet for **AR51901PU-S**

Albumin (19-609, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Albumin (19-609, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression cDNA Clone or AA Sequence:	RGVFRRDAAK SEVAHRFKDL GEENFKALVL IFAQYLQQC PFEDHVKLVN EVTEFAKTCV ADESAENCDK SLHTLFGDKL CTVATLRETY GEMADCCAQQ EPERNECFLQ HKDDNPNLPR LVRPEVDVMC TAFHDNEETF LKKYLYEIAR RHPYFYAPEL LFFAKRYKAA FTECCQAADK AACLLPKLDE LRDEGKASSA KQRLKCASLQ KFGERAFKAW AVARLSQRFP KAFAEVS KL VTDLTKVHTE CCHGDLLECA DDRADLAKYI CENQDSISSK LKECCEKPLL EKSHCIAEVE NDEMPADLPS LAADFVESKD VCKNYAEAKD VFLGMFLY EY ARRHPDYSVW LLLRLAKTYE TTLEKCCAAA DPHECYAKVF DEFKPLVEEP QNLIKQNC EL FEQLGEYKFQ NALLVRYTKK VPQVSTPTLV EVSRNLGKVG SKCCKHPEAK RMPCAEDYLS VVLNQLCVLH EKTPVSDRVT KCCTESLVNR RPCFSALEVD ETYVPKEFNA ETFTFHADIC TLSEKERQIK KQTALVELVK HKPKATKEQL KAVMDDFAAF VEKCKADDK ETCFAEEGKK LVAASQAALG LHHHHHH
Tag:	His-tag
Predicted MW:	68 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE.
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ALB, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000468
Locus ID:	213



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UniProt ID: [P02768](#)

Cytogenetics: 4q13.3

Synonyms: FDAHT; HSA; PRO0883; PRO0903; PRO1341

Summary: 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. [provided by RefSeq, Jul 2016]

Protein Families: Secreted Protein

Product images:

