

# Product datasheet for AR51901PU-N

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

#### **Product data:**

#### OriGene Technologies, Inc.

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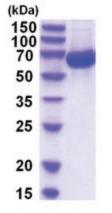
Product Type:	Recombinant Proteins
Description:	Albumin (19-609, His-tag) human recombinant protein, 0.25 mg
•	Human
Species: Expression cDNA Clone or AA Sequence:	RGVFRRDAHK SEVAHRFKDL GEENFKALVL IAFAQYLQQC PFEDHVKLVN EVTEFAKTCV ADESAENCDK SLHTLFGDKL CTVATLRETY GEMADCCAKQ EPERNECFLQ HKDDNPNLPR LVRPEVDVMC TAFHDNEETF LKKYLYEIAR RHPYFYAPEL LFFAKRYKAA FTECCQAADK AACLLPKLDE LRDEGKASSA KQRLKCASLQ KFGERAFKAW AVARLSQRFP KAEFAEVSKL VTDLTKVHTE CCHGDLLECA DDRADLAKYI CENQDSISSK LKECCEKPLL EKSHCIAEVE NDEMPADLPS LAADFVESKD VCKNYAEAKD VFLGMFLYEY ARRHPDYSVV LLLRLAKTYE TTLEKCCAAA DPHECYAKVF DEFKPLVEEP QNLIKQNCEL FEQLGEYKFQ NALLVRYTKK VPQVSTPTLV EVSRNLGKVG SKCCKHPEAK RMPCAEDYLS VVLNQLCVLH EKTPVSDRVT KCCTESLVNR RPCFSALEVD ETYVPKEFNA ETFTFHADIC TLSEKERQIK KQTALVELVK HKPKATKEQL KAVMDDFAAF VEKCCKADDK 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:	<u>NP 000468</u>
Locus ID:	213



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	Albumin (19-609, His-tag) Human Protein – AR51901PU-N
UniProt ID:	<u>P02768</u>
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]
<b>Protein Families</b>	: Secreted Protein

## Product images:



15% SDS-PAGE (3ug)

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