

## 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** 

RGVFRRDAHK SEVAHRFKDL GEENFKALVL IAFAQYLQQC PFEDHVKLVN EVTEFAKTCV or AA Sequence: ADESAENCDK SLHTLFGDKL CTVATLRETY GEMADCCAKQ EPERNECFLQ HKDDNPNLPR

LVRPEVDVMC TAFHDNEETF LKKYLYEIAR RHPYFYAPEL LFFAKRYKAA FTECCQAADK AACLLPKLDE

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

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)

Liquid purified protein Preparation:

**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.

Shelf life: one year from despatch. Stability:

RefSeq: NP 000468

Locus ID: 213



### Albumin (19-609, His-tag) Human Protein - AR51901PU-S

UniProt ID: P02768

Cytogenetics: 4q13.3

Synonyms: FDAHT; HSA; PRO0883; PRO0903; PRO1341

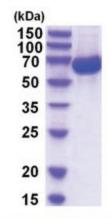
Summary: This gene encodes the most abundant protein in human blood. This protein functions in the

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:**



15% SDS-PAGE (3ug)