

# Human ASS1 Recombinant Protein



RPPB1426

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## Product Information    Protein Information

**Product SKU:**

RPPB1426

**Accession:**

P00966

**Host:**

Escherichia Coli.

**Protein description:**

ASS1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 432 amino acids (1-412 a.a.) and having a molecular mass of 48.6 kDa. The ASS1 is fused to a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

ASS, CTLN1, EC 6.3.4.5, ASS1, Argininosuccinate Synthase 1.

**Formulation:**

ASS1 Human 0.5mg/ml solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, 1mM DTT & 20% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MSSKGSVLA YSGGLDTSCI LVWLKEQGYD VIAYLANIGQ KEDFEARKK  
ALKLGAKKVF IEDVSREFVE EFIWPAIQSS ALYEDRYLLG TSLARPCAR KQVEIAQREG AKYVSHGATG  
KGNDQVRFEL SCYSLAPQIK VIAPWRMPEF YNRFKGRNDL MEYAKQHGP IPVTPKNPWS MDENLMHISY  
EAGILENPKN QAPPLYTKT QDPAKAPNTP DILEIEFKKG VPVKVTNVKD GTTHQTSLEL FMYLNEVAGK  
HGVGRIDIVE NRFIGMKSRG IYETPAGTIL YHAHLDEAF TMDREVRKIK QGLGLKFAEL VYTFWHSPE  
CEFVRHCIAK SQERVEGKVQ VSVLKGQVYI LGRESPLSLY NEELVSMNVQ GDYEPTDATG FININSLRLK  
EYHRLQSKVT AK.