

# Human ADSL Recombinant Protein



RPPB1361

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## Product Information    Protein Information

**Product SKU:**

RPPB1361

**Accession:**

P30566

**Host:**

Escherichia Coli.

**Protein description:**

ADSL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 520 amino acids (1-484) and having a molecular mass of 59kDa. ADSL is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Adenylosuccinate lyase, ASL, Adenylosuccinase, ASase, ADSL, AMPS.

**Formulation:**

The ADSL solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.1M NaCl.

**Purity:**

Greater than 95.0% 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:**

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAAG GDHGSPDSYR SPLASRYASP  
EMCFVFSDRY KFRTWRQLWL WLAEAEQTLG LPITDEIQIE MKSNLENIDF KMAAEEKRL RHDVMAHVHT  
FGHCCPKAAG IIHLGATSCY VGDNTDLIIL RNALDLLLPK LARVISRLAD FAKERASLPT LGFTHFQPAQ  
LTTVGKRCC L WIQDLCMDLQ NLKRVRDDL R FRG VKGTTGT QASFLQLFEG DDHKVEQLDK MVTEKAGFKR  
AFIITGQTYT RKVDIEVLSV LASLGASVHK ICTDIRLLAN LKEMEPEFEK QQIGSSAMPY KRNPMRSERC  
CSLARHMLTL VMDPLQTASV QWFERTLDDS ANRRICLAEA FLTADTILNT LQNISEGLVV YPKVIERRIR  
QELPFMATEN IIMAMVKAGG SRQDCHEKIR VLSQQAASVV KQEGGDNDLI ERIQVDAYFS PIHSQLDHLL  
DPSSFTGRAS QQVQRFLEEE VYPLPKPYES VMKVKAELCL.