

Human ALAD Recombinant Protein



RPPB5801

Product Information Protein Information

Product SKU:

RPPB5801

Accession:

P13716

Host:

E.coli.

Protein description:

ALAD Human Recombinant produced in E. coli is a single polypeptide chain containing 354 amino acids (1-330) and having a molecular mass of 38.8kDa. ALAD is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Aminolevulinate delta-dehydratase, ALADH, PBGS, Porphobilinogen synthase, delta-aminolevulinic acid dehydratase, EC 4.2.1.24.

Formulation:

The ALAD solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.

Purity:

Greater than 85% 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 SSSLVPRGSH MGSHMQPQSV LHSYGFHPLL RAWQTATTTL NASNLIPIF VTDVPDDIQP
ITSLPGVARY GVKRLEMLR PLVEEGLRCV LIFGVPSRVP KDERGSAADS EESPAIEAIH LLRKTFPNLL
VACDVCLCPY TSHGHCGLLS ENGAFAEES RQRLAEVALA YAKAGCQVVA PSDMMDGRVE AIKEALMAHG
LGNRVSVMSY SAKFASCFYG PFRDAAKSSP AFGDRRCYQL PPGARGLALR AVDRDVREGA DMLMVKPGMP
YLDIVREVKD KHPDLPLAVY HVSGEFAMLW HGAQAGAFDL KAAVLEAMTA FRRAGADIII TYTYPQLLQW LKEE.