

RPPB1417

Product Information Protein Information

Product SKU:

RPPB1417

Accession:

P04424

Host:

Escherichia Coli.

Protein description:

ASL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 484 amino acids (1-464) and having a molecular mass of 53.8kDa. ASL is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Argininosuccinate lyase, ASAL, Arginosuccinase, ASL.

Formulation:

The ASL solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

NPL Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MASESGKLWG GRFVGAVDPI MEKFNASIAY DRHLWEVDVQ GSKAYSRGLE
KAGLLTKAEM DQILHGLDKV AEEWAQGTFK LNSNDEDIHT ANERRKELI GATAGKLHTG RSRNDQVVTD
LRLWMRQTCS TLSGLLWELI RTMVDRAEAE RDVLFPGYTH LQRAQPIRWS HWILSHAVAL TRDSERLLEV
RKRINVLPLG SGAIAGNPLG VDRELLRAEL NFGAITLNSM DATSERDFVA EFLFWASLCM THLSRMAEDL
ILYCTKEFSF VQLSDAYSTG SSLMPQKKNP DSLELIRSKA GRVFGRCAGL LMTLKGLPST YNKDLQEDKE
AVFEVSDTMS AVLQVATGVI STLQIHQENM GQALSPDMLA TDLAYLVRK GMPFRQAHEA SGKAVFMAET
KGVALNQLSL QELQTISPLF SGDVICVWDY GHSVEQYGAL GGTARSSVDW QIRQVRALLQ AQQA.