

E.Coli ANSA E.coli Recombinant Protein



RPPB1403

Product Information Protein Information

Product SKU:

RPPB1403

Accession:

P0A962

Host:

Escherichia Coli.

Protein description:

ANSA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 358 amino acids (1-338 a.a.) and having a molecular mass of 39.3kDa. ANSA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

L-asparaginase 1, L-asparaginase I, L-ASNase I, L-asparagine amidohydrolase I, ansA, b1767, JW1756.

Formulation:

The ANSA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT.

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:

MGSSHHHHHH SGLVPRGSH MQKKSIVVAY TGGTIGMQRS EQGYIPVSGH LQRQLALMPE FHRPEMPDFT
IHEYTPLMDS SDMTPEDWQH IAEDIKAHYD DYDGFVILHG TDTMAYTASA LSFMLENLGK PVIVTGSQIP
LAELRSDGQI NLLNALYVAA NYPINEVTLF FNNRLYRGNR TTKAHADGFD AFASPNLPLP LEAGIHIRRL
NTPPAPHGEG ELIVHPITPQ PIGVVTIYPG ISADVVRNFL RQPVKALILR SYGVGNAPQN KAFLQELQEA
SDRGIVVVNL TQCMSGKVNMM GGYATGNALA HAGVIGGADM TVEATLTKLH YLLSQELDTE TIRKAMSQNL
RGELTPDD.