

E.Coli CA1 Recombinant Protein



RPPB1457

Product Information Protein Information

Product SKU:

RPPB1457

Host:

Escherichia Coli.

Protein description:

CA1 E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 240 amino acids (1-220) and having a molecular mass of 27.0 kDa. CA1 E.Coli is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Carbonate dehydratase, CAN, ECK0125, JW0122, yadF, CA 1, CA I, CA1, CAI, Car 1, Car1, Carbonate dehydratase I, Carbonic anhydrase 1, Carbonic anhydrase B.

Formulation:

CA1 E.Coli protein (1mg/ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol.

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 MKDIDTLISN NALWSKMLVE EDPGFFEKLA QAQKPRFLWI GCSDSRVPAE
RLTGLEPGEL FVHRNVANLV IHTDLNCLSV VQYAVDVLEV EHIIICGHYG CGGVQAAVEN PELGLINNWL
LHIRDIWFKH SLLGEMPQE RRLDTLCELN VMEQVYNLGH STIMQSAWKR GQKVTIHGWA YGIHDGLLRD
LDVTATNRET LEQRYRHGIS NLKLKHANHK.