

Human CA3 Recombinant Protein



RPPB1460

Product Information Protein Information

Product SKU:

RPPB1460

Accession:

P07451

Host:

Escherichia Coli.

Protein description:

CA3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 260 amino acids (1-260 a.a.) and having a molecular mass of 29.5 kDa. The CA3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear colorless solution.

Synonyms:

Car3, CAIII, Carbonic anhydrase 3, EC 4.2.1.1, Carbonic anhydrase III, Carbonate dehydratase III, CA-III.

Formulation:

The CA3 solution contains 20mM Tris-HCl pH-8, 1mM DTT and 10% glycerol.

Purity:

Greater than 90% 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). Please avoid freeze-thaw cycles.

Amino Acid Sequence:

MAKEWGYASH NGPDHWHELF PNAKGENQSP IELHTKDIRH DPSLQPWSVS YDGGS AKTIL NNGKTCRVVF
DDTYDRSMLR GGPLPGPYRL RQFHLHWGSS DDHGSEHTVD GVKYAAELHL VHWNPKYNTF KEALKQRDGI
AVIGIFLKIG HENGEFQIFL DALDKIKTKG KEAPFTKFD P SCLFPACRDY WTYQGSFTTP PCEECIVWLL
LKEPMTVSSD QMAKLRSLLS SAENEPVPL VSNWRPPQPI NNRVVRAFVK.