

Human CA11 Recombinant Protein



RPPB1464

Product Information Protein Information

Product SKU:

RPPB1464

Accession:

O75493

Host:

Escherichia Coli.

Protein description:

CA11 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 326 amino acids (24-328) and having a molecular mass of 36.3kDa. CA11 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Carbonic Anhydrase XI, Carbonic Anhydrase-Related Protein 2, Carbonic Anhydrase-Related Protein 11, CARP-2, CA-RP II, CARP XI, CARPX1, CA-XI.

Formulation:

The CA11 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 SGLVPRGSH MHIGPAPDPE DWWSYKDNLQ GNFVPGPPFW GLVNAAWSLC
AVGKRQSPVD VELKRVLYDP FLPLRLSTG GEKLRGTYLN TGRHVSFLPA PRPVNVVSGG PLYSHRLSE
LRLFGARDG AGSEHQINHQ GFSAEVQLIH FNQELYGNFS AASRGPNGLA ILSLFVNVAS TSNPFLSRL
NRDTITRISY KNDAYFLQDL SLELLFPESF GFITYQGSLS TPPCSETVTW ILIDRALNIT SLQMHSRLRL
SQNPSSQIFQ SLSGNSRPLQ PLAHRALRGN RDPRHPERRC RGPNYRLHVD GVPHGR