

Human CA8 Recombinant Protein



RPPB1462

Product Information Protein Information

Product SKU:

RPPB1462

Accession:

P35219

Host:

E.coli.

Protein description:

CA8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 314 amino acids (1-290) and having a molecular mass of 35.5kDa. CA8 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Carbonic anhydrase VIII, CALS, CARP, CA-VIII, CAMRQ3, CA-related protein, carbonate dehydratase, carbonic anhydrase-like sequence, carbonic anhydrase-related protein.

Formulation:

The CA8 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% 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). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSHMADLSF IEDTVAFPEK EEEEEEEG VEWGYEEGVE WGLVFPDANG
EYQSPINLNS REARYDPSLL DVRLSPNYVW CRDCEVTNDG HTIQVILKSK SVLSGGPLPQ GHEFELYEVR
FHWGRENQRG SEHTVNFKAF PMELHLIHWN STLFSGIDEA VGKPHGIAII ALFVQIGKEH VGLKAVTEIL
QDIQYKGKSK TIPCFNPNTL LPDPLLRDYW VYEGSLTIPP CSEGVTWILF RYPLTISQLQ IEEFRRLRTH
VKGAELVEGC DGILGDNFRP TQPLSDRVIR AAFQ