

# Human CA14 Recombinant Protein



RPPB1466

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## Product Information    Protein Information

**Product SKU:**

RPPB1466

**Accession:**

Q9ULX7

**Host:**

Escherichia Coli.

**Protein description:**

CA14 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 298 amino acids (16-290 a.a.) and having a molecular mass of 33.2kDa. CA14 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Carbonic anhydrase 14, Carbonate dehydratase XIV, Carbonic anhydrase XIV, CA-XIV, CA14, CAXiV.

**Formulation:**

CA14 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

NPL Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSADGGQHW TYEGPHGQDH WPASYPECGN NAQSPIDIQT  
DSVTFDPDLP ALQPHGYDQP GTEPLDLHNN GHTVQLSLPS TLYLGGLPRK YVAAQLHLHW GQKGSPGGSE  
HQINSEATFA ELHIVHYDSD SYDSLSEAAE RPQGLAVLGI LIEVGETKNI AYEHLHLH EVRHKDKQTS  
VPPFNRELL PKQLGQYFRY NGSLTTPCY QSVLWTVFYR RSQISMEQLE KLQGTLFSTE EEPKLLVQN  
YRALQPLNQR MVFASFIQAG SSYTTGEM.