

Human CAPS Recombinant Protein



RPPB2980

Product Information Protein Information

Product SKU:

RPPB2980

Accession:

Q13938

Host:

Escherichia Coli.

Protein description:

CAPS Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 209 amino acids (1-189 a.a.) and having a molecular mass of 23.1kDa. The CAPS is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Calcyphosin, Calcyphosine, CAPS, CAPS1, MGC126562.

Formulation:

The CAPS solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT and 100mM NaCl.

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 MDAVDATMEK LRAQCLSRGA SGIQGLARFF RQLDRDGSRS LDADEFRQGL
AKLGLVLDQA EAEGVCRKWD RNSGTLDL EFLRALRPPM SQAREAVIAA AFAKLDRSGD GVVTVDDLRLG
VYSGRAHPKV RSGEWTEDEV LRRFLDNFDS SEKDGQVTLA EFQDYSGVVS ASMNTDEEFV AMMTSAWQL.