

Calcyphosine-Like Human Recombinant

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| Item Number | rAP-2930 |
| Synonyms | Calcyphosine-like protein, CAPSL, MGC26610. |
| Description | CAPSL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 228 amino acids (1-208) and having a molecular mass of 26.3 kDa. The CAPSL is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | Q8WWF8 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MAGTARHDRE MAIQAKKLT TATDPIERLR LQCLARGSAG IKGLGRVFRI MDDDNRTLD FKEFMKGLND YAVVMEKEEV EELFQRFDKD GNGTIDFNEF LLTLRPP- MSR ARKEVIMQAF RKLDKTGDGV ITIEDLREYV NAKHHPKYQN GEWSEEQVFR KFLDNFDSFY DKDGLVTPEE FMNYYAGVSA SIDTDVYFII MMRTAWKL |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | CAPSL is supplied as a sterile filtered clear solution. 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. |
| Formulation and Purity | CAPSL protein at 1mg/ml in 20mM Tris-HCL, pH-8, 0.2M NaCl, 5mM DTT and 20% Glycerol. Greater than 90.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**