

Carboxymethylenebutenolidase Human Recombinant

Item Number	rAP-1409
Synonyms	Carboxymethylenebutenolidase homolog, CMBL, JS-1.
Description	CMBL Human Recombinant produced in E. coli is a single polypeptide chain containing 269 amino acids (1-245) and having a molecular mass of 30.6kDa. CMBL is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96DG6
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHPANEAY PCPCDIGHRL EYGGLGREVQ VEHKAYVTK SPVDAGKAVI VIQDIFGWQL PNTRYIADMI SGNGYTTIVP DFFVGQEPWD PSGDWSIFPE WLKTRNAQKI DREISAILKY LKQQCHAQKI GIVGFCWGGT AVHHLMMKYS EFRAGVSVYG IVKDSEDIYN LKNPTLFIFA ENDVVIPLKD VSLLTQKLKE HCKVEYQIKT FSGQTHGFVH RKREDCSPAD KPYIDEARRN LIEWLNKYM.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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	The CMBL solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM EDTA. Greater than 95.0% 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**