

**CMBL, 1-245aa, Human, His tag, E.coli**

**Cat.NO.: TP01654**

3th Edition

**Synonyms:** Carboxymethylenebutenolidase homolog.

**Description:** Carboxymethylenebutenolidase homolog, also known as CMBL, is a cysteine hydrolase of the dienelactone hydrolase family that is highly expressed in liver cytosol. CMBL is the human homolog of Pseudomonas dienelactone hydrolase, a protein that participates in the bacterial halocatechol degradation pathway.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM EDTA

**Molecular Weight:** 30.6 kDa (269aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMANEAYPCPCDIGHRLEYGGLGREVQVEHIKAYVTKSPVDAGKAVIVIQDI  
FGWQLPNTRYIADMISGNGYTTIVPDFVVGQEPWDPSGDWSIFPEWLKTRNAQKIDREISAILKYLKQQCHAQKIGIV  
GFCWGGTAVHHLMMKYSEFRAGVSVYGIVKDSEDIYNLKNPTLFIFAENDVVIPLKDVSLLTQKLKEHCKVEYQIKTF  
SGQTHGFVHRKREDCSPADKPYIDEARRNLIEWLNKYM

**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.