

**Recombinant Human LACTB2****Catalog No: C149**

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<b>Description</b>	Recombinant Human beta-Lactamase-Like Protein 2 is produced by our E.coli expression system and the target gene encoding Met1-Leu288 is expressed with a GST tag at the N-terminus.
<b>Expression System</b>	Human cells
<b>Alternative name</b>	Beta-Lactamase-Like Protein 2; LACTB2
<b>Accession No.</b>	Q53H82
<b>Predicted Molecular Weight</b>	59.24kDa
<b>Apparent Molecular Weight</b>	56kDa, reducing conditions.
<b>Quality Control</b>	Purity: greater than 90% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, 10% Glycerol, pH 7.5.
<b>Shipping</b>	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Background</b>	β-Lactamase-like Protein 2 (LACTB2) is a member of the metallo-beta-lactamase superfamily. LACTB2 also belongs to the Glyoxalase II family. LACTB2 is 288 amino acids long with 8 zinc-binding domains. The LACTB2 gene is expressed at high levels and annotates structural defects or features in 4 cDNA clones. LACTB2 proteins are expected to have hydrolase activity and metal ion-binding functions. LACTB2 protein is found to localize in mitochondria. Other functions of LACTB2 are yet unknown.

**SDS-PAGE**