

Recombinant Human LACTB2

Catalog No: C149

Description	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.
Expression System	Human cells
Alternative name	Beta-Lactamase-Like Protein 2; LACTB2
Accession No.	Q53H82
Predicted Molecular Weight	59.24kDa
Apparent Molecular Weight	56kDa, reducing conditions.
Quality Control	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.
Formulation	Supplied as a 0.2 μm filtered solution of PBS, 10% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.
Storage	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.
Background	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 mitochondrion. Other functions of LACTB2 is yet unknown.

SDS-PAGE

