



Recombinant Protein Technical Manual

Recombinant Human LACTB2 Protein (GST Tag)

RPES3570

Product Data:

Product SKU: RPES3570

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q53H82

Protein Information:

Molecular Mass: 59.2 kDa

AP Molecular Mass: 56 kDa

Tag: N-GST

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Beta-Lactamase-Like Protein 2; LACTB2

Immunogen Information:

Sequence: Met 1-Leu288

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.