

Recombinant Human LACTB2 Protein (GST Tag)

Catalog Number: PKSH033268

Note: Centrifuge before opening to ensure complete recovery of vial contents.

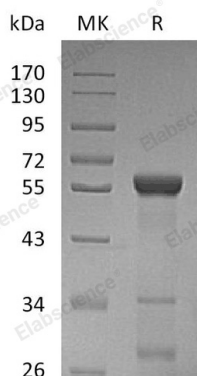
Description

| | |
|----------------------|--|
| Species | Human |
| Source | E.coli-derived Human LACTB2 protein Met 1-Leu288, with an N-terminal GST |
| Calculated MW | 59.2 kDa |
| Observed MW | 56 kDa |
| Accession | Q53H82 |
| Bio-activity | Not validated for activity |

Properties

| | |
|----------------------|---|
| Purity | > 90 % as determined by reducing SDS-PAGE. |
| Concentration | Subject to label value. |
| Endotoxin | < 1.0 EU per µg of the protein 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 PBS, 10% Glycerol, pH 7.5. |

Data



> 90 % as determined by reducing SDS-PAGE.

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.

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