

32-7130: Recombinant Human beta-Lactamase-Like Protein 2/LACTB2 (N-GST)(Discontinued)

Gene : LACTB2
Gene ID : 51110
Uniprot ID : Q53H82

Description

Source: E.coli.
MW :59.24kD.

Recombinant Human LACTB2 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. beta-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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA
DKHNMLGGCCKERAIEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR
GSHMAAVLQRVERLSNRVVRVLGCNPGPMTLQGTNTYLVGTGPRRILIDTGEPAIPEYISCLKQALTEFNIAI
VVTWHRDHSGGIGDICKSINNDTTYCIKKLPRNPQREEIIGNGEQYVYLKDGDVIKTEGATLRVLYTPGHTDD
HMALEENAI FSGDCILGEGTTVFEDLYDYMNSLKELLKIKADIIYPGHGPIVHNAEAKIQYISHRNIREQQILT
LFRENFESFTVMELVKIYKNTPENLHEMAKHNLHLLHKKLEKEGKIFSNTDPDKKKAHL

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.