

Recombinant Human LACTB2

Cat. No. LACTB2-7745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human betaLactamaseLike Protein 2/LACTB2 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1Leu288) of Human LACTB2.
Species	Human
Source	E.coli
Description	betaLactamaseLike 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 are yet unknown.
Form	Supplied as a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.4
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Store at less than 20°C. stable for 6 months after receipt. Please minimize freeze-thaw cycles.

GENE INFORMATION

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Gene Name	LACTB2 lactamase, beta 2 [Homo sapiens]
Official Symbol	LACTB2
Synonyms	LACTB2; lactamase, beta 2; CGI-83
Gene ID	51110
mRNA Refseq	NM_016027.2
Protein Refseq	NP_057111.1
UniProt ID	Q53H82
Chromosome Location	8q13.3
Function	hydrolase activity; metal ion binding

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