

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 metallobetaLactamase superfamily. LACTB2 also belongs to the Glyoxalase II family. LACTB2 is 288 amino acids long with 8 zincbinding 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 ionbinding functions. LACTB2 protein is found to localize in mitochondrion. Other functions of LACTB2 is 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 freezethaw 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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