



LBR peptide (DAG-P1729)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the ERG4/ERG24 family. It localized in the nuclear envelope inner membrane and anchors the lamina and the heterochromatin to the membrane. It may mediate interaction between chromatin and lamin B. Mutations of this gene has been associated with autosomal recessive HEM/Greenberg skeletal dysplasia. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ERG4/ERG24 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	LBR lamin B receptor [Homo sapiens (human)]
Official Symbol	LBR
Synonyms	LBR; lamin B receptor; PHA; LMN2R; TDRD18; DHCR14B; lamin-B receptor; tudor domain containing 18; integral nuclear envelope inner membrane protein;
Entrez Gene ID	3930
mRNA Refseq	NM_002296.3

Protein Refseq	NP_002287.2
UniProt ID	Q14739
Chromosome Location	1q42.1
Pathway	Cholesterol biosynthesis, organism-specific biosystem; Gastric cancer network 2, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; cholesterol biosynthesis I, organism-specific biosystem; cholesterol biosynthesis I, conserved biosystem; cholesterol biosynthesis II (via 24,25-dihydrolanosterol), organism-specific biosystem; cholesterol biosynthesis II (via 24,25-dihydrolanosterol), conserved biosystem; cholest
Function	DNA binding; chromo shadow domain binding; lamin binding; oxidoreductase activity, acting on the CH-CH group of donors, NAD or NADP as acceptor; poly(A) RNA binding; protein binding;