

Recombinant Human LMBR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LMBR1-6118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LMBR1 MS Standard C13 and N15-labeled recombinant protein (NP_071903) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the LMBR1-like membrane protein family. Another member of this protein family has been shown to be a lipocalin transmembrane receptor. A highly conserved, cis-acting regulatory module for the sonic hedgehog gene is located within an intron of this gene. Consequently, disruption of this genic region can alter sonic hedgehog expression and affect limb patterning, but it is not known if this gene functions directly in limb development. Mutations and chromosomal deletions and rearrangements in this genic region are associated with acheiropody and preaxial polydactyly, which likely result from altered sonic hedgehog expression.
Molecular Mass	55.1 kDa
AA Sequence	MEGQDEVSAREQHFHSQVRESTICFLLFAILYVVSFYIITRYKRKSDEQEDEDIAVNRI SLFLSTFTLAVSAGAVLLLPFSIISNEILLSFPQNYIQLNGSLIHGLWNLASLFSNLC LFVLMPFAFFFFLESEGFAGLKKGIRARILETLVMLLLLALLILGIVWVASALIDNDAASM ESLYDLWEFYLPYLYSCISLMGCLLLLLCTPVGLSRMFTVMGQLLVKPTILEDLDEQIY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

IITLEEEALQRRNLNGLSSSVVEYNIMELEQELENVKTLKTKLERRKKASAWERNLVYPA
 VMVLLLIETSISVLLVACNILCLLVDETAMPKGTRGPGIGNASLSTFGFVGAALEIILIFY
 LMVSSVVGIFYSLRFFGNFTPKDDTTMTKIIGNCVSILVLSSALPVMSTLGLITRFDLL
 GDFGRFNWLGNFYIVLSYNLLFAIVTTLCVLRKFTSAVREELFKALGLHKLHLPNTSR
 DSETAKPSVNGHQKALTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [LMBR1 limb development membrane protein 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [LMBR1](#)

Synonyms LMBR1; limb region 1 homolog (mouse); C7orf2, chromosome 7 open reading frame 2; limb region 1 protein homolog; ACHP; FLJ11665; differentiation-related gene 14 protein; TPT; PPD2; DIF14; C7orf2;

Gene ID [64327](#)

mRNA Refseq [NM_022458](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

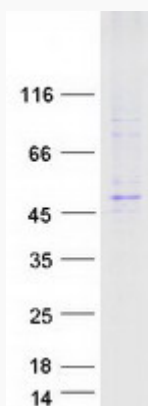
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_071903

MIM 605522

UniProt ID Q8WVP7

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA