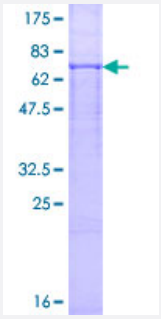
Full-Length

LMBR1 (Human) Recombinant Protein (P01)

Catalog # H00064327-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LMBR1 full-length ORF (NP_071903.2, 1 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEGQDEVSAREQHFHSQVRESTICFLLFAILYVVSYFIITRYKRKSDEQEDEDAIVNRISLFLSTFTLA VSAGAVLLLPFSIISNEILLSFPQNYYIQWLNGSLIHGLWNLASLFSNLCLFVLMPFAFFFLESEGFA GLKKGIRARILETLVMLLLLALLILGIVWVASALIDNDAASMESLYDLWEFYLPYLYSCISLMGCLLLLL CTPVGLSRMFTVMGQLLVKPTILEDLDEQIYIITLEEEALQRRLNGLSSSVEYNIMELEQELENVKTL KTKLERRKKASAWERNLVYPAVMVLLLIETSISVLLVACNILCLLVDETAMPKGTRGPGIGNASLST FGFVGAALEIILIFYLMVSSVVGFYSLRFFGNFTPKKDDTTMTKIIGNCVSILVLSSALPVMSRTLGITR FDLLGDFGRFNWLGNFYIVLSYNLLFAIVTTLCLVRKFTSAVREELFKALGLHKLHLPNTSRDSETA KPSVNGHQKAL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	81.5
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LMBR1

Entrez GeneID	64327
GeneBank Accession#	NM_022458.2
Protein Accession#	NP_071903.2
Gene Name	LMBR1
Gene Alias	ACHP, C7orf2, DIF14, FLJ11665, PPD2, TPT
Gene Description	limb region 1 homolog (mouse)
Omim ID	174500 200500 605522
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the LMBR1-like membrane protein family. Another member of th is protein family has been shown to be a lipocalin transmembrane receptor. A highly conserved, ci s-acting regulatory module for the sonic hedgehog gene is located within an intron of this gene. C onsequently, disruption of this genic region can alter sonic hedgehog expression and affect limb p atterning, but it is not known if this gene functions directly in limb development. Mutations and chro mosomal deletions and rearrangements in this genic region are associated with acheiropody and preaxial polydactyly, which likely result from altered sonic hedgehog expression. [provided by Ref Seq
Other Designations	differentiation-related gene 14|limb region 1 protein

Disease

- Tobacco Use Disorder