

Full-Length

LEPREL2 (Human) Recombinant Protein (P01)

Catalog # H00010536-P01

Size 50 ug

Specification

Product Description	Human LEPREL2 full-length ORF (1 a.a. - 104 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDLSHPVHADNCVLDPDTGECWREPPAYTYRDYRWAAPLVVRQVGRQRSSHCRPGPGLGSHC LLLFSLPSGLLYLNDDFQGGDLFFTEPNALTVTVRGVGGVTV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.9
Interspecies Antigen Sequence	Mouse (58); Rat (57)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — LEPREL2

Entrez GeneID	10536
GeneBank Accession#	AK096771.1
Gene Name	LEPREL2
Gene Alias	GRCB, HSU47926, P3H3
Gene Description	leprecan-like 2
Omim ID	610342
Gene Ontology	Hyperlink
Gene Summary	LEPREL2 belongs to a family of collagen prolyl hydroxylases required for proper collagen biosynthesis, folding, and assembly (Vranka et al., 2004 [PubMed 15044469]).[supplied by OMIM]
Other Designations	B protein gene rich cluster, B leprecan-like 2 protein prolyl 3-hydroxylase 3

Disease

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