

Recombinant Human LEPRE1 protein, His-tagged

Cat. No. LEPRE1-2692H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LEPRE1 protein(23-109 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-109 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	EVESEAGWGMVTPDLLFAEGTAAYARGDWPGVVLSMERALRSRAALRALRLRCRT QCAADFPWELDPDWSPSPAQASGAAALRDLSF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	LEPRE1 leucine proline-enriched proteoglycan (leprecan) 1 [Homo sapiens]
Official Symbol	LEPRE1
Synonyms	LEPRE1; leucine proline-enriched proteoglycan (leprecan) 1; prolyl 3-hydroxylase 1; GROS1; growth suppressor 1; LEPRECAN; MGC117314; P3H1; prolyl 3 hydroxylase 1; leprecan; leucine- and proline-enriched proteoglycan 1; OI8;
Gene ID	64175
mRNA Refseq	NM_001146289
Protein Refseq	NP_001139761
MIM	610339
UniProt ID	Q32P28

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