Recombinant Mouse P3h1 Protein, Myc/DDK-tagged

Cat. No. P3h1-4639M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length prolyl 3-hydroxylase 1 (P3h1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Basement membrane-associated chondroitin sulfate proteoglycan (CSPG). Has prolyl 3-hydroxylase activity catalyzing the post-translational formation of 3-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens, especially types IV and V. May be involved in the secretory pathway of cells. Has growth suppressive activity in fibroblasts.
Molecular Mass	64.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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

GENE INFORMATION

Gene Name	P3h1 prolyl 3-hydroxylase 1 [Mus musculus (house mouse)]
Official Symbol	P3h1
Synonyms	P3h1; prolyl 3-hydroxylase 1; Gr; Lep; Gros1; Lepre1; 2410024C15Rik; prolyl 3-hydroxylase 1; growth suppressor 1; leprecan 1; leucine- and proline-enriched proteoglycan 1; EC 1.14.11.7
Gene ID	56401
mRNA Refseq	NM_001042411
Protein Refseq	NP_001035874
UniProt ID	Q3V1T4

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