

Product datasheet for **TP510385**

P3h1 (NM_001042411) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse prolyl 3-hydroxylase 1 (P3h1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR210385 representing NM_001042411
Red=Cloning site **Green**=Tags(s)

MAVSERRLLAAMLAVAAAAALRVAAESEPQWDVAAPDLLYAEGTAAYSRGDWPGVWLNMERALRSRAALR
ALRLRCRTRCATELPWAPDLDLXXPDPSLSQDPGAAALHDLRFFGAVLRRRAACLRRCLGPPSAHLLSEEL
DLEFNKRSPYNYLQVAYFKINKLEKAVAAAHTFFVGNPEHMEMRQNLDDYYQTMISGVKEADFRDLEAKPHM
HEFRLGVRLYSEEKQAEVPHLEAALQEYFVADEECRALCEGPYDYDGYNYLDYSADLFQAITDHYVQVL
NCKQNCVTELASHPREKPFEDFLPSHYNYLQFAYYNIGNYTQAIKAKTYLLFFPNDEVMHQNLAYYTA
MLGEEEASSISPENAEYRRRSLLKELLFFAYDIFGIPFVDPDSWTPPEEVIKRLQEKQKSERETAVR
ISQEIGNLMKEIETLVEEKTESLDVSRILTREGGPLLYEGISLTMNSKVLNGSQRVVMDGVISDDECQEL
QRLTNAATSGDGYRGQTSPTHPNEKFGVTVLKALKLGQEGKVPLQSARMYNYNTEKVRVMESYFRLD
TPLYFSYSHLVCRTAIEESQAERKDSHPVHVDNLCILNAEALMCIKEPPAYTFRDYSAILYLNGDFDGGN
FYFTELDKTVTAEVQPQCGRVGFSSGTENPHGVKAVTRGQRCAIALWFTLDPHRSERDRVQADDLVKM
LFSPEEVDLPQEQPLPGQQGSPEPGEESLSDRGSLHKDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 64.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001035874
Locus ID:	56401
UniProt ID:	Q3V1T4
RefSeq Size:	2844
Cytogenetics:	4 D2.1
RefSeq ORF:	2220
Synonyms:	2410024C15Rik; Gros1; Lepre1
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]