

Product datasheet for **TP508564**

P4ha1 (NM_011030) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1 polypeptide (P4ha1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208564 protein sequence
Red=Cloning site **Green**=Tags(s)

MIWVLMMAILLPQSLAHPGFFTSIGQMTDLIHNEKDLVTSLKDYIKA EEDKLEQIKKWA EKLDRLTSTA
TKDPEGFVGHPVNAFKLMKRLNTEWSELENLILKDMSDGFISNLTIQRQYFPNDEDQVGA AKALFRLQDT
YNLDTNTISKGNLPGVQHKSFLTAEDCFELGKVAYTEADYYHTELWMEQALTQLEEGELSTVDKVSVDY
LSYAVYQQGDLDKALLLTKLLELDPEHQ RANGNLVYFEYIMSKEKDANKSASGDQSDQKTAPKKKGI AV
DYLPERQKYEMLCRGE GIKMTPRRQKRLFCRYHDGNRNP KFILAPAKQEDEWDKPRIIRFHDIISDAEIE
IVKDLAKPRLRRATISNPVTGALETVHYRISKS AWLSGYEDPVVSRINMRIQDLTGLDVSTAEELQVANY
GVGGQYEPHFDFARKDEPDAFRELGTGNRIATWLFYMSDVSAGGATVFPEVGASVWP KKGTA VFWYNLFA
SGEGDYSTRHAACPVLVGNKWWSNKWLHERGQEFRRPCTLSELE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 60.9 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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_035160](#)
Locus ID: 18451
UniProt ID: [Q60715](#), [Q3UF16](#)
RefSeq Size: 4057
Cytogenetics: 10 B4
RefSeq ORF: 1605
Synonyms: AL022634; P4ha
Summary: Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.[UniProtKB/Swiss-Prot Function]