

## Product datasheet for **TP508567**

### **P4ha2 (NM\_001136076) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha II polypeptide (P4ha2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR208567 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKLQVLVLVLLMSWFGVLSWVQAEFFTSIGHMTDLIYAEKDLVQSLKEYILVEEAKLAKIKSWASKMEAL  
TSRSAADPEGYLAHPVNAYKLVKRLNTDWPALGDLVLQDASAGFVANLSVQRQFFPTDEDESGAARALMR  
LQDTYKLDPDTISRGEIPGTYQAMLSVDDCFGLGRSAYNEGDYHHTVLWMEQVLKQLDAGEEATVTKSL  
VLDYLSYAVFQLGDLHRAVELTRRLSLDPSHERAGGNLRYFERLLEEERKLSLNQTDAGLATQENLYE  
RPTDYLPERDVYESLCRGEVGLTPRRQKKLFCRYHHGNRVPQLLIAPFKEEDEWDSPHIVRYDVMMSDE  
EIERIKEIAKPKLARATVRDPKTGVLTVASYRVSKSSWLEEDDDPVARVNRMMQHITGLTVKTAELLQV  
ANYGMGGQYEPHFDFSRPFDSGLKTEGNRLATFLNYMSDVEAGGATVFPDLGAAIWPKKGTAVFWYNLL  
RSGEGDYRTRHAACPVLVGCKWWSNKWFHERGQEFRLPCGTTEVD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	60.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	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\\_001129548](#)  
Locus ID: 18452  
UniProt ID: [Q60716](#), [Q5SX74](#)  
RefSeq Size: 2278  
Cytogenetics: 11 32.13 cM  
RefSeq ORF: 1608  
Synonyms: AA407196; C76437; P4hl  
Summary: Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.[UniProtKB/Swiss-Prot Function]