

Recombinant Mouse Mmp13 protein, His-tagged

Cat. No. Mmp13-3232M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mmp13 protein(P33435)(105-472aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	105-472aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	46.5 kDa
AA Sequence	YNVFPRTLKWSQTNLTIRIVNYTPDMSHSEVEKAFRKAFKVWSDVTPLNFTRIYDGT ADIMISFGTKEHGDFYPFDGPSGLLAHAFFPPGPNYGGDAHFDDETWTSSSKGYNL FIVAAHELGHSLGLDHSKDPGALMFPIYTYTGKSHFMLPDDDVQGIQFLYGPGEDEP NPKHPKTPEKCDPALSLDAITSLRGETMIFKDRFFWRLHPQQVEAELFLTKSFWPEL PNHVDAAYEHPSRDLMFIFRGRKFWALNGYDILEGYPRKISDLGFPKEVKRLSAAVH FENTGKTLFFSENHVWSYDDVNQTMDDKDYPRLIEEEFPGIGNKVDVAYEKNGYIYFF NGPIQFEYSIWSNRIVRVMPNTNSILWC
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	Mmp13 matrix metallopeptidase 13 [Mus musculus]
Official Symbol	Mmp13
Synonyms	MMP13; matrix metallopeptidase 13; collagenase 3; Collagenase-3; collagenase-1; interstitial collagenase; matrix metalloproteinase 13; matrix metalloproteinase-13; Clg; Mmp1; MMP-13;
Gene ID	17386
mRNA Refseq	NM_008607
Protein Refseq	NP_032633