

## Recombinant Horse MMP9 protein

Cat. No. MMP9-6754H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Horse MMP9 protein(F7AGL5)(20-640aa) was expressed in Yeast.
<b>Species</b>	Horse
<b>Source</b>	Yeast
<b>ProteinLength</b>	20-640aa
<b>Tag</b>	Non
<b>Form</b>	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.
<b>Molecular Mass</b>	69.0 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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**AA Sequence**

APTRHQPTVVVFPGDLLTNLTDRELAEEYLFRYGYTGVAEMSEGDQPLERLRRLQ  
KRLALPETGELDSTTLEAMRTPRCGVDPVGGQFQTFEGDLKWHHRDITYWIQNYSGD  
LPRDVIDDAFARAFVWSEVTPLTFTRVNGPQADIVIQFGVREHGDGYPFDGKDGLL  
AHAFFPPGPGIQGDAHFDDEELWSLGKGPVVPHTFGNADGAPCHFPTTFEGRSYSS  
CTTDGRSDDMLWCSTTADYDTRRFGFCPSEKLYTQDGNADGKPCVFPFTFEGRS  
YSTCTTDGRSDGYRWCATTANYDQDKRYGFCPTRVDSTVNGGNSAGELCVFPFTF  
LGKEYSACTREGRSDGRLWCATTSNFSDSKKWGFCPDQGYSLFLVAAHEFGHALG  
LDHSSVPAALMYPMYSFTEEPPLHEDDVNGIQYLYGPRPKPEPQPPTTTTTLEPQTTV  
CATGPPTTRPSEPTAGPTGPPSAGPTGPPSAGPPTNPPTAGPSTAPTVPPLGPGEE  
VCNVDIFDAIAEIGNHLHFFKDGRYWRLLGKGRGVQGPFLIRDTWPMLPPKLDLDSAF  
EEPLTKKIFFFSGRQVWVYTGKSALGPRRLDKLGLGADVAQITGALPRGGGKVLIFS  
RRRFW

**GENE INFORMATION**

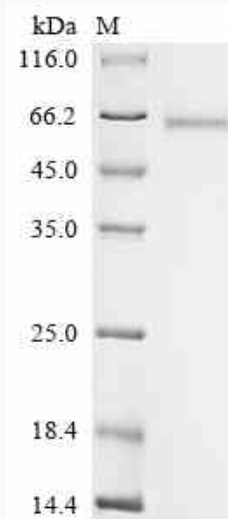
<b>Gene Name</b>	MMP9 matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) [ <i>Equus caballus</i> ]
<b>Official Symbol</b>	MMP9
<b>Synonyms</b>	MMP9; matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase); matrix metalloproteinase-9; matrix metalloproteinase 9;
<b>Gene ID</b>	100056599
<b>mRNA Refseq</b>	NM_001111302
<b>Protein Refseq</b>	NP_001104772

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**SDS-PAGE**



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