

## Product datasheet for **TP310199**

### MMP16 (NM\_005941) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human matrix metalloproteinase 16 (membrane-inserted) (MMP16), transcript Variant 1, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210199 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MILLTFSTGRRLLDFVHHSQVFFLQTLWILCATVCGTEQYFNVEVWLQKYGYLPPTDPRMSVLRSAETMQ  
SALAAMQQFYGINMTGKVDNRNTIDWMKKPRCGVPDQTRGSSKFHRRKRYALTGQKWQHKHITYSIKNVT  
PKVGDPETRKAIRRAFDVWQNVPTPLTFEEVPYSELENGKRDVDITIFASGFHGDSSPFDGEGGFLAHAY  
FPGPGIGGDTHFDSDEPWTLGNPNHDGNDLFLVAVHELGHALGLEHSNDPTAIMAPFYQYMETDNFKLPN  
DDLQGIQKIYGPPDKIPPPTRPLTPVPPHRSIPPADPRKNDRPKPPRPPTGRPSYPGAKPNICDGNFNTL  
AILRREMVFVKDQWFWVRNRRVMDGYPMQITYFWRGLPPSIDAVYENS DGNFVFFKGNKYWVFKDITLQ  
PGYPHDLITLGSIPPHGIDSAIWWEDVGKTYFFKGDYRWRYSEEMKTMDPGYPKIPITVWKGIPESQGA  
FVHKENGFTYFYKGYKWFNNQILKVEPGYPRKILKDFMGC DGPTRVKEGHSPDDVDIVIKLDNTAS  
TVKAIAIVIPCILALCLLVVYTVFQFKRKGTPRHILYCKRSMQEWV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	69.5 kDa
Concentration:	>0.05 µg/µL as determined by Bradford protein assay method.
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	100 mM Glycine, pH 3.5, 10% Glycerol
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.
RefSeq:	<a href="#">NP_005932</a>
Locus ID:	4325



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<b>UniProt ID:</b>	<u>P51512</u>
<b>RefSeq Size:</b>	6347
<b>Cytogenetics:</b>	8q21.3
<b>RefSeq ORF:</b>	1821
<b>Synonyms:</b>	C8orf57; MMP-X2; MT-MMP2; MT-MMP3; MT3-MMP
<b>Summary:</b>	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The encoded protein activates MMP2 by cleavage. This gene was once referred to as MT-MMP2, but was renamed as MT-MMP3 or MMP16. [provided by RefSeq, Oct 2010]
<b>Protein Families:</b>	Druggable Genome, Protease, Secreted Protein, Transmembrane