

Product Datasheet

Rat Mmp2 protein (orb244378)

Description	Recombinant rat 72 kDa type IV collagenase
Endotoxins	Not test.
Preservatives	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.
Form/Appearance	Liquid or Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	N-terminal 6xHis-SUMO-tagged
Note	For research use only
Application notes	Full length of 72 kDa type IV collagenase chain of His-SUMO-tag and expression region is 110-662aa
Protein Sequence	YNFFPRKPKWDKNQITYRIIGYTPDLDPETVDDAFARALKVWSDVTPLRFSRIHD GEADIMINFRWEHGDGYFPDGGKDLLAHAFAPGTGVGGDSHFDDDELWTLG EGQVVRVKYGNADGEYCKFPFLFNGREYSSCTDTGRSDGFLWCSTTYNFEKDG KYGFCPHEALFTMGGNGDGQCKFPFRFQGTSYNSCTTEGRDGYRWCGTTED YDRDKKYGFCPETAMSTVGGNSEGAPCVFPFTFLGNKYESCTSAGRSDGKVWC ATTTNYDDDRKWGFCPDQGYSLFLVAAHEFGHAMGLEHSQDPGALMAPIYTYT KNFRLSNDGIKIQELYGSPDADTDTGTGPTPTLGPVTPEICKQDIVFDGIAQIR GEIFFFKDRFIWRTVTPRDKPTGPLLVATFWPELPEKIDAVYEAPQEEKAVFFAGN EYVVYSASTLERGYPKPLTSLGLPPDVQQVDAAFNWSKNKKTYIFSGDKFWRYN EVKKKMDPGFPKLIADSWNAIPDNLDAVVDLQGGGHSYFFKGAYYKLENQSLK SVKFGSIKSDWLGC
Purity	Greater than 90% as determined by SDS-PAGE.
Source	E.coli
MW	78.1 kDa
Uniprot ID	P33436
Expiration Date	6 months from date of receipt.