

MMP2/Gelatinase A/TBE-1/MONA, Human, Recombinant

Cat. No. : PCK272

General Information

Synonyms	Gelatinase A;TBE-1;MMP-II;MONA
Species	Human
Expression host	E.coli
Sequence	MYNFFPRKPKWDKNQITYRIIGYTPDLDPETVDDAFARAFQVWSDVTPLRFSRIHDGEADIMIN FGRWEHGDGYFPDGGKDLLAHAFAPGTGVGGDSHFDDDELWTLGEGQVVRVKYGNADGEY CKFPFLFNGKEYNSCTDTGRSDGFLWCSTTYNFEKDGKYGFCPHEALFTMGGNAEGQPCKFP FRFQGTSYDSCTTEGRTDGYRWCGTTEDYDRDKKYGFCPETAMSTVGGNSEGAPCVFPFTFL GNKYESCTSAGRSDGKMWCATTANYDDDRKWGFCPDQGYSLFLVAAHEFGHAMGLEHSQD PGALMAPIYTYTKNFRLSQDDIKGIQELYGASPDIDLGTGPTPTLGPVTPEICKQDIVFDGIAQIR GEIFFFKDRFIWRTVTPRDKPMGPLLVAFWPELPEKIDAVYEAPQEEKAVFFAGNEYWIYSAS TLERGYPKPLTSLGLPPDVQRVDAAFNWSKNKTYIFAGDKFWRYNEVKKKMDPGFPKLIADA WNAIPDNLDVVDLQGGGHSYFFKGAYYLKLENQSLKSVKFGSIKSDWLGC with polyhistidine tag at the C-terminus.
Accession	P08253.2
Tag	His-tag at the C-terminus
Mol mass	63.00 kDa
Expiration date	12 months

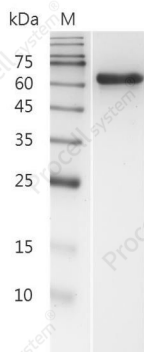
Product feature

Purity	> 95% as determined by SDS-PAGE. Ni-NTA chromatography.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 μm filtered solution containing 1 × PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Background

Matrix metalloproteinases (MMPs) are a family of endoproteases that require zinc and calcium for expressing catalytic activity. MMP2 (Matrix Metallopeptidase 2) is a Protein-Coding gene. Diseases associated with MMP2 include Multicentric Osteolysis, Nodulosis, and Arthropathy.

SDS-PAGE



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