

Mouse MMP-14 Protein

Cat. No. MMP-ME114

Description

Source	Recombinant Mouse MMP-14 Protein is expressed from E.coli with His tag at the N-Terminus. It contains Tyr112-Ala541.
Accession	P53690
Molecular Weight	The protein has a predicted MW of 50.3 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

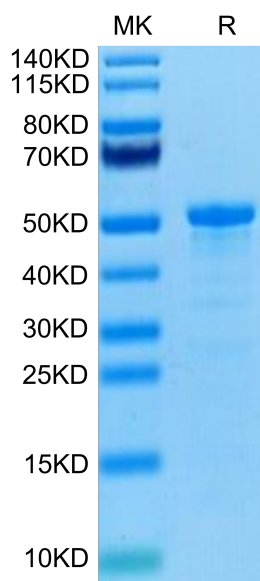
Formulation	Supplied as 0.22µm filtered solution in PBS, 0.5% SKL (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Matrix metalloproteinases (MMPs) are involved in most biological processes. Recently, MMP14 was reported to be up-regulated in some types of cancer and to promote cancer cell invasion and metastasis. MMP14 plays an important role in CRC progression and prognosis and could be a useful biomarker for prediction of survival after colectomy.

Assay Data

Bis-Tris PAGE



Mouse MMP-14 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.