Human MMP-14 Protein

Cat. No. MMP-HE114



Description	
Source	Recombinant Human MMP-14 Protein is expressed from E.coli with His tag at the N-Terminus.
	It contains Tyr112-Ala541.
Accession	P50281
Molecular Weight	The protein has a predicted MW of 50.5 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

Formulation	Supplied as 0.22um filtered solution in PBS, 0.5% SKL (pH 7.4	1)
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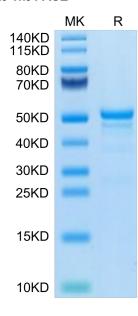
Storage Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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



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