Human MMP-17 Protein

Cat. No. **MMP-HE117**

Description

Source	Recombinant Human MMP-17 Protein is expressed from E.coli with His tag at the C-Terminus.
	It contains Gln126-Ser565.
Accession	Q9ULZ9
Molecular Weight	The protein has a predicted MW of 51 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

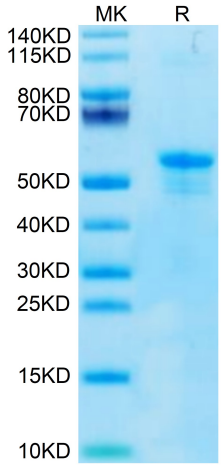
Formulation	Supplied as 0.22μm filtered solution in PBS, 0.5% SKL (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The process of cancer progression involves the action of multiple proteolytic systems, among which the family of matrix metalloproteinases (MMPs) play a pivotal role. Two members of the MT-MMP subfamily, MMP-17 (MT4-MMP) and MMP-25 (MT6-MMP), are anchored to the plasma membrane via a glycosyl-phosphatidyl inositol (GPI) anchor, which confers these enzymes a unique set of regulatory and functional mechanisms that separates them from the rest of the MMP family.

Assay Data

Tris-Bis PAGE



Human MMP-17 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.