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Datasheet for ABIN7505005

Uromodulin Protein (UMOD) (AA 25-587) (His tag)

Overview

Quantity:	100 µg
Target:	Uromodulin (UMOD)
Protein Characteristics:	AA 25-587
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Uromodulin protein is labelled with His tag.

Product Details

Sequence:	Asp25-Phe587
Characteristics:	A DNA sequence encoding the Human THP protein (P07911) (Asp25-Phe587) was expressed with a N-His.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

Target:	Uromodulin (UMOD)
Alternative Name:	THP (UMOD Products)
Background:	Background: Functions in biogenesis and organization of the apical membrane of epithelial cells of the thick ascending limb of Henle's loop (TALH), where it promotes formation of complex filamentous gel-like structure that may play a role in the water barrier permeability (Probable). May serve as a receptor for binding and endocytosis of cytokines (IL-1, IL-2) and

Target Details

	TNF.Facilitates neutrophil migration across renal epithelia. Synonym: Tamm-Horsfall urinary glycoprotein
Molecular Weight:	61.4 kDa
UniProt:	P07911

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months