

[Go to Product page](#)

Datasheet for ABIN7607480
LUM Protein (AA 19-338) (His tag)

Overview

Quantity:	50 µg
Target:	LUM
Protein Characteristics:	AA 19-338
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This LUM protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse LUM/Lumican Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of bovine corneal endothelial cells (BCE C/D-1b). When 5×10^4 cells per well are added to rmLUM/Lumican (Cat #: AME89701) coated plates (10 µg/mL, 100 µL/well) $\geq 50\%$ will adhere after 50 minutes at 37 °C.

Target Details

Target:	LUM
---------	-----

Target Details

Alternative Name:	Keratan sulfate proteoglycan lumican (LUM Products)
Background:	Keratan sulfate proteoglycan lumican, Lumican, SLRR2D, LDC, LUM, KSPG lumican
UniProt:	P51885
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months