

# Recombinant Mouse Asparaginyl endopeptidase/Legumain/LGMN Protein

## RPCB1130



### Product Information

<b>Product SKU:</b>	RPCB1130	<b>Gene ID:</b>	19141	<b>Size:</b>	10µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Mouse		

### Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	O89017
<b>Purity:</b>	> 95% by SDS-PAGE.		

### Protein Information

**Background:** The Mammalian Legumain, also known as LGMN, also called asparaginyl endopeptidase (AEP), is a cysteine protease belonging to peptidase family C13 with strict specificity for hydrolysis of asparaginyl bonds. Has a strict specificity for hydrolysis of asparaginyl bonds. Can also cleave aspartyl bonds slowly, especially under acidic conditions. May be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system. Required for normal lysosomal protein degradation in renal proximal tubules. Required for normal degradation of internalized EGFR. Plays a role in the regulation of cell proliferation via its role in EGFR degradation.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Mouse Asparaginyl endopeptidase/Legumain/LGMN Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** <0.1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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