

**MATERIAL DATA SHEET****FAM105B/OTULIN, human recombinant****Cat. # E-558**

FAM105B ("OTULIN") is a C65 type peptidase and a member of the ovarian tumor (OTU) protein superfamily. OTULIN has exquisite specificity for linear (methionine-1-linked) ubiquitin linkages and has been shown to play a role in the regulation of NF- $\kappa$ B mediated signaling. This recombinant protein is untagged.

**Product Information**

<b>Quantity:</b>	50 $\mu$ g
<b>Stock:</b>	X mg/ml (X $\mu$ M) in 50mM Hepes pH 8.0, 100 mM NaCl, 2 mM DTT, 10% glycerol
<b>MW:</b>	41 kDa
<b>Purity:</b>	> 95% by SDS-PAGE

**Use & Storage**

<b>Use:</b>	Typical enzyme concentration for use <i>in vitro</i> ranges from 0.05-1 $\mu$ M depending on conditions and substrate.
<b>Storage:</b>	Store at -80°C. Avoid multiple freeze/thaw cycles.

**Literature**

<b>References:</b>	Komander D. (2012) Presentation at ZOMES VII: Ubiquitin family proteins and their cognate PCI complexes, Munich, Germany Komander D. (2012) Presentation at FASEB: Ubiquitin and Cellular Regulation, Saxtons River, VT
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