

Recombinant Mouse Rnf166 Protein, Myc/DDK-tagged

Cat. No. Rnf166-5550M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ring finger protein 166 (Rnf166), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase that promotes the ubiquitination of different substrates. In turn, participates in different biological processes including interferon production or autophagy. Plays a role in the activation of RNA virus-induced interferon-beta production by promoting the ubiquitination of TRAF3 and TRAF6. Plays also a role in the early recruitment of autophagy adapters to bacteria. Mediates 'Lys-29' and 'Lys-33'-linked ubiquitination of SQSTM1 leading to xenophagic targeting of bacteria and inhibition of their replication.
Molecular Mass	26.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rnf166 ring finger protein 166 [*Mus musculus* (house mouse)]

Official Symbol Rnf166

Synonyms RNF166; ring finger protein 166; RING finger protein 166; zinc finger protein 313; zinc finger protein 228; Zfp313l; AW555115; 1110031E24Rik

Gene ID 68718

mRNA Refseq NM_001033142

Protein Refseq NP_001028314

UniProt ID Q3U9F6

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