

Recombinant human RIPK1 protein, N-His

Catalog Number: bs-42114P

Concentration: >1mg/ml

AA Seq: 327-564/671

Predicted MW: 28.7

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris (pH8.0) with 8M Urea.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Essential adapter molecule for the activation of NF-kappa-B. Following different upstream signals (binding of inflammatory cytokines, stimulation of pathogen recognition receptors, or DNA damage), particular RIPK1-containing complexes are formed, initiating a limited number of cellular responses. Upon TNFA stimulation RIPK1 is recruited to a TRADD-TRAF complex initiated by TNFR1 trimerization. There, it is ubiquitinated via 'Lys-63'-link chains, inducing its association with the IKK complex, and its activation through NEMO binding of polyubiquitin chains.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.