

Recombinant Human NEMO (L329P)/IKBKG protein

Catalog No.: RP10107LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	8517	Q9Y6K9

Tags

GST Tag

Synonyms

IKBKG; AMCBX1; FIP-3; FIP3; Fip3p; IKK-gamma; IKKAP1; IKKG; IMD33; IP; IP1; IP2; IPD2; NEMO; ZC2HC9; NF-kappa-B essential modulator;AMCBX1;FIP-3;FIP3;Fip3p;IKK-gamma;IKKAP1;IKKG;IMD33;IP;IP1;IP2;IPD2;NEMO;ZC2HC9

Product Information

Source	Purification
<i>E. coli</i>	~80% by SDS-PAGE

Endotoxin

Formulation

20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol

Reconstitution

Background

NF-κB essential modulator (NEMO) is a regulatory subunit within IκB kinase (IKK). IKK is also composed of two unrelated catalytic subunits called IKKα and IKKβ. NEMO is additionally referred to as IKKγ, IKKAP1, or FIP-3. IKK is responsible for activating the transcription factor, NF-κB, which is involved in immune response. NEMO prefers to bind K63-linked or linear polyubiquitin chains. The L329P substitution abolishes NEMO interacts with linear polyUb chains and long K63 polyubiquitin chains.

Basic Information

Description

Bio-Activity

Storage

This product is stable at ≤ -70°C for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

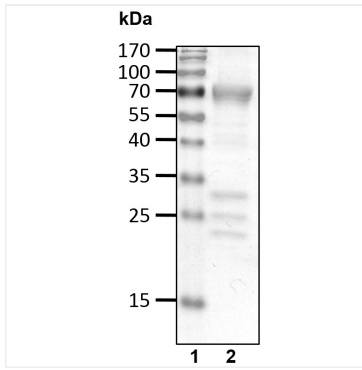
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Validation Data



Recombinant human NEMO (L329P)/IKBK protein was determined by SDS-PAGE with Coomassie Blue.