

NF-kappa-B essential modulator

Catalog No: #AP79497



Package Size: #AP79497-1 50ug #AP79497-2 100ug #AP79497-3 1mg

Orders: order@signalwayantibody.com

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Description

Product Name	NF-kappa-B essential modulator
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Recombinant protein
Other Names	FIP3,NEMO,FIP-3,IkB kinase-associated protein 1,Inhibitor of nuclear factor kappa-B kinase subunit gamma,NF-kappa-B essential modifier,IKKAP1,I-kappa-B kinase subunit gamma
Accession No.	Q9Y6K9Gene name:IKBKG
Uniprot	Q9Y6K9
GeneID	8517;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Regulatory subunit of the IKK core complex which phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Its binding to scaffolding polyubiquitin seems to play a role in IKK activation by multiple signaling receptor pathways. However, the specific type of polyubiquitin recognized upon cell stimulation (either 'Lys-63'-linked or linear polyubiquitin) and its functional importance is reported conflictingly. Also considered to be a mediator for TAX activation of NF-kappa-B. Could be implicated in NF-kappa-B-mediated protection from cytokine toxicity. Essential for viral activation of IRF3. Involved in TLR3- and IFIH1-mediated antiviral innate response; this function requires 'Lys-27'-linked polyubiquitination.

References

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Note: This product is for in vitro research use only