

Recombinant Human IKB beta protein ab85246

1 Image

Description

Product name	Recombinant Human IKB beta protein
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	Purity was determined to be>90% by densitometry.

Specifications

Our **Abpromise guarantee** covers the use of **ab85246** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot
Form	Liquid

Preparation and Storage

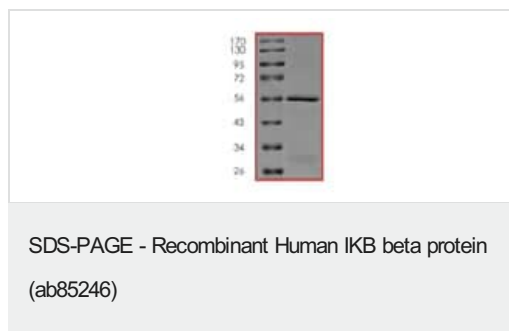
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
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General Info

Function	Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it
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	more resistant to degradation, explaining its slower degradation.
Tissue specificity	Expressed in all tissues examined.
Sequence similarities	Belongs to the NF-kappa-B inhibitor family. Contains 6 ANK repeats.
Post-translational modifications	Phosphorylated by RPS6KA1; followed by degradation. Interaction with NKIRAS1 and NKIRAS2 probably prevents phosphorylation.
Cellular localization	Cytoplasm. Nucleus.

Images



SDS-PAGE showing ab85246 at approximately 56kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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