

Inhibitory Subunit Of NF Kappa B Epsilon (IκBe) Recombinant Protein | IκBe recombinant protein

Recombinant Inhibitory Subunit Of NF Kappa B Epsilon (IκBe)

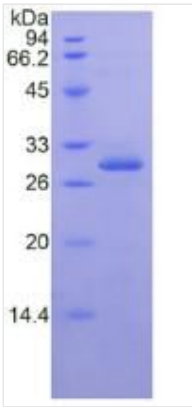
CATALOG # AAA134315	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Inhibitory Subunit Of NF Kappa B Epsilon (IκBe); Recombinant Inhibitory Subunit Of NF Kappa B Epsilon (IκBe); IκBe recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-RA DSTYGSSSLT YTLSSLGGPE AEDPAPRLPL PHVGALSPQQ LEALTYISED GDTLVHLAVI HEAPAVLLCC LALLPQEVLD IQNNLYQTAL HLAVHLDQPG AVRALVLKGA SRALQDRHGD TALHVACQRQ HLACARCLLE GRPEPGRGTS HSLDLQLQNW QGLACLHIAT LQKNQPLMEL LLRNGADIDV QEGTSGKTAL HLAVETQERG LVQFLLQAGA QVDARMLNGC TP
Sequence Length	500
Applicable Applications for IκBe recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Arg207~Pro440 (Accession # O00221) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



RADS TYGSSSLTYT LSLGGPEAE DPAPRLPLPH VGALSPQOLE
ALTYISEDGD TLVHLAVIHE APAVLLCCLA LLPQEVLDIQ NNLYQTALHL
AVHLDQPGAV RALVLKGASR ALQDRHGDTA LHVACQRQHL ACARCLLEGR
PEPGRGTSHS LDLQLQNWQG LACLHIATLQ KNQPLMELL L RRGADIDVQE
GTSGKTALHL AVETQERGLV QFLLQAGAQV DARMNGCTP

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	71274109
NCBI GeneID	4794
NCBI Accession #	NP_004547.2
NCBI GenBank Nucleotide #	NM_004556.2
UniProt Accession #	O00221; Q5T9V9
Molecular Weight	28.9kDa
NCBI Official Full Name	NF-kappa-B inhibitor epsilon
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon
NCBI Official Symbol	NFKBIE
NCBI Official Synonym Symbols	IKBE
NCBI Protein Information	NF-kappa-B inhibitor epsilon; ikB-E; ikB-epsilon; NF-kappa-BIE; ikappaBepsilon; I-kappa-B-epsilon
UniProt Protein Name	NF-kappa-B inhibitor epsilon
UniProt Gene Name	NFKBIE
UniProt Synonym Gene Names	IKBE; NF-kappa-BIE; IkB-E; IkB-epsilon
UniProt Entry Name	IKBE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.