

Product datasheet for **TP760703**

IKB epsilon (NFKBIE) (NM_004556) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon (NFKBIE), with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length NFKBIE
Tag:	N-His
Predicted MW:	29.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Bioactivity:	Proteolysis substrate (PMID: 29128334)
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004547
Locus ID:	4794
UniProt ID:	Q00221 , Q7LC14 , Q96F31 , A0A024RD24
RefSeq Size:	2581
Cytogenetics:	6p21.1
RefSeq ORF:	1500
Synonyms:	IKBE


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Summary: The protein encoded by this gene binds to components of NF-kappa-B, trapping the complex in the cytoplasm and preventing it from activating genes in the nucleus. Phosphorylation of the encoded protein targets it for destruction by the ubiquitin pathway, which activates NF-kappa-B by making it available to translocate to the nucleus. [provided by RefSeq, Sep 2011]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Adipocytokine signaling pathway, B cell receptor signaling pathway, Neurotrophin signaling pathway, T cell receptor signaling pathway

Product images:

