

Product datasheet for **TP727636**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human NFKB1 (N-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Gly434
Tag:	N-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of 10mMTris-Citrate,150mMNaCl,Ph8.0.
Note:	Recombinant Human Nuclear Factor NF-kappa-B P50 Subunit is produced by our Mammalian expression system and the target gene encoding Met1-Gly434 is expressed with a 6His tag at the N-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Summary:	The 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene.


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