

Recombinant Human NF-kappa-B-repressing factor(NKRF),partial

Catalog No: #AP70587

Package Size: #AP70587-1 20ug #AP70587-2 100ug #AP70587-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human NF-kappa-B-repressing factor(NKRF),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:4-688aaSequence Info:Partial
Other Names	Protein ITBA4Transcription factor NRF
Accession No.	O15226
Calculated MW	81.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ILQMAEGIDIGEMPSYDLVLSKPSKGQKRHLSTCDGQNPPKKQAGSKFHARPRFEPVHFVASSSKDERQEDP YGPQTKEVNEQTHFASMPRDIYQDYTDQSFISIQDGNISQYCDSSGFILTKDQPV TANMYFD SGNPAPSTTSQQ ANSQSTPEPSPSQTFPESVVAEKQYFIEKLTATIWNLSNPEMTSGSDKINYTYMLTRCIQACKTNPEYIYAPLK EIPPADIPKNKLLTDGYACEVRCQNIYLTGTYAGSKNGSRDRATELAVKLLQKRIEVRVRRKFKHTFGEDLV VCQIGMSSYEFPPALKPPEDLVVLGKDASGQPIFNASAKHWTN FVITENANDAIGILNNSASFNKMSIEYKYEM MPNRTWRCRVFLQDHC LAEGYGT KKT SKHAADEALKILQKTQPTYP SVKSSQCHTGSSPRGSGKKKDIKDL VYENSSNPVCTLNDAQFNRMTVEYVYERMTGLRWKCKVILESEVIAEAVGVKKT VKYEAAGEAVKTLKKTQ PTVINLKKGAVEDVISRNEIQGRSAEEAYKQIKEDNIGNQLLRKMGWTGGGLGKSGEGIREPISVKEQHKR EGLGLDVERVNKIAKRDIQIIRNYARSESHTDLTFSRELTNDERKQIHQIAQKYGLKSKSHGVGHDRYLVVGR KRRKEDLLDQLKQEGQVGHYELVMPQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Interacts with a specific negative regulatory element (NRE) 5'-AATTCCTCTGA-3' to mediate transcriptional repression of certain NF-kappa-B responsive genes. Involved in the constitutive silencing of the interferon beta promoter, independently of the virus-induced signals, and in the inhibition of the basal and cytokine-induced iNOS promoter activity. Also involved in the regulation of IL-8 transcription.

References

Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuehmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011) Research Topic:Cell Biology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.