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Product datasheet for AR50621PU-N

KIN (1-393, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	KIN (1-393, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGKSDFL TPKAIANRIK SKGLQKLRWY CQMCQKQCRD ENGFKCHCMS ESHQRQLLLA SENPQQFMDY FSEEFRNDFL ELLRRRFGTK RVHNNIVYNE YISHREHIHM NATQWETLTD FTKWLGREGL CKVDETPKGW YIQYIDRDPE TIRRQLELEK KKKQDLDDEE KTAKFIEEQV RRGLEGKEQE VPTFTELSRE NDEEKVTFNL SKGACSSSGA TSSKSSTLGP SALKTIGSSA SVKRKESSQS STQSKEKKKK KSALDEIMEI EEEKKRTART DYWLQPEIIV KIITKKLGEK YHKKKAIVKE VIDKYTAVVK MIDSGDKLKL DQTHLETVIP APGKRILVLN GGYRGNEGTL ESINEKTFSA TIVIETGPLK GRRVEGIQYE DISKLA
Tag:	His-tag
Predicted MW:	47.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human KIN17 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_036443
Locus ID:	22944
UniProt ID:	O60870
Cytogenetics:	10p14

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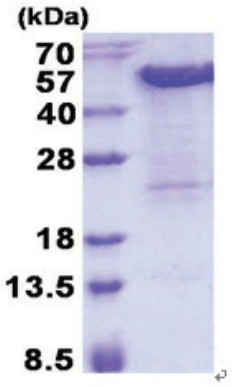
Synonyms: BTCD; KIN17; Rts2

Summary: The protein encoded by this gene is a nuclear protein that forms intranuclear foci during proliferation and is redistributed in the nucleoplasm during the cell cycle. Short-wave ultraviolet light provokes the relocalization of the protein, suggesting its participation in the cellular response to DNA damage. Originally selected based on protein-binding with RecA antibodies, the mouse protein presents a limited similarity with a functional domain of the bacterial RecA protein, a characteristic shared by this human ortholog. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]

Product images:



15% SDS-PAGE (3ug)