

**ITGB1BP3, 1-230aa, Human, His tag, E.coli**

**Cat.NO.: TP02695**

3th Edition

**Synonyms:** Nicotinamide riboside kinase 2, MIBP, NRK2.

**Description:** Nicotinamide riboside kinase 2, also known as ITGB1BP3, belongs to the uridine kinase family and NRK subfamily. ITGB1BP3 is found at lower levels in heart and is downregulated during myoblast differentiation. ITGB1BP3 catalyzes the phosphorylation of nicotinic acid riboside and nicotinamide riboside to form nicotinic acid mononucleotide and nicotinamide mononucleotide.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 40% glycerol, 1mM DTT

**Molecular Weight:** 28.4 kDa (253aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMKLIVGIGGMTNGGKTTLTNSLLRALPNCCVIHQDDFFKPQDQIAVGEDGFK  
QWDVLES LDMEAMLDTVQAWLSSPQKFARAHGVS VQPEASDTHILLLEGFLLYSYKPLVDLYSRRYFLTVPYEECK  
WRRSTRNYTVPDPPGLFDGHVWPMYQKYRQEMEANGVEVVYLDGMKSREELFREVLEDIQNSLLNRSQESAPSP  
ARPARTQGPGRGCGHRTARPAASQQDSM

**Purity:** > 95% by HPLC

**Concentration:** 0.25 mg/ml

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.