

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:

MGSSHHHHHHSSGLVPRGSHMGSMKLIVGIGGMTNNGKTTLTNSLLRALPNCCVIHQDDFFKPQDQIavgEDGFK
QWDVLESldMEAMLDTVQAWLSSPQKFARAHGVSvQPEASDTHILLLEGFLLYSYKPLVDLYSRRYFLTVPYEECK
WRRSTRNYTVPDPPGLFDGHVWPMYQKYRQEMEANGVEVVYLDGMKSREELFREVLEDIQNSLLNRSQESAPSP
ARPARTQGPRGCGHRTARPAASQQDSM

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.