

**GNB2L1, 1-317aa, Human, His tag, E.coli**

**Cat.NO.: TP02290**

3th Edition

**Synonyms:**Guanine nucleotide-binding protein subunit beta-2-like 1, Gnb2-rs1, H12.3, HLC-7, PIG21, RACK1.

**Description:**GNB2L1 was originally identified as an anchoring protein for protein kinase C beta (PKCbeta), which it stabilises in the active state and anchors to membranes or functional sites. However, evidence has accumulated to support a central role of GNB2L1 in critical biological responses.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT

**Molecular Weight:**37.2 kDa (337aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMTEQMTLRGTLKGHNGWVTQIATTPQFPDMILSASRDKTIIMWKLTRDETNYGIP  
QRALRGHSHFVSDVVISDGGQFALSGSWDGTLRRLWDLTTGTTTTRRFVGHTKDVLSVAFSSDNQIVSGSRDKTIKL  
WNTLGVCKYTVQDESHSEWVSCVRFSPNSSNPIIVSCGWDKLVKVWNLNCKLKTNHIGHTGYLNTVTVSPDGSL  
CASGGKDGQAMLWDLNEGKHLYTLDGGDIINALCFSPNRYWLCAATGPSIKIWDLEGKIIVDELKQEVISTSSKAEP  
PQCTSLAWSADGQTLFAGYTDNLVRVWQVTIGTR

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**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.