

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
QRALRGHSHFVSDVVISSDGGQFALSGSWDGLRLWDLTTGTTTTRRFVGHGTDVLSVAFSSDNRQIVSGSRDKTIKL
WNTLGVCKYTVQDESHSEWVSCVRFSPNSSNPIIVSCGWDKLVKVVNLANCKLKTNHIGHTGYLNTVTVSPDGSL
CASGGKDGQAMLWDLNEGKHLTYLDGGDIINALCFSPNRYWLCAATGPSIKIWDLEGKIIIVDELKQEVISTSSKAEP
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.