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32-3900: GNB2L1 Recombinant Protein

Alternative Name :	Guanine nucleotide binding protein (G protein) beta polypeptide 2-like 1,RACK1,Receptor for Activated C Kinase 1,Gnb2-rs1,H12.3,Cell proliferation-inducing gene 21 protein,Guanine nucleotide-binding protein subunit beta-like protein 12.3,Human

Description

Source : E.coli. GNB2L1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-317 and having a molecular mass of 37.2kDa.GNB2L1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. GNB2L1 was first known as an anchoring protein for protein kinase C beta (PKCbeta), which it stabilizes in the active state and anchors to membranes or functional sites. But, there is now confirmation that GNB2L1 has an essential part of in critical biological responses. GNB2L1 binds specifically to the active form of PKCbeta isoforms and cooperates with numerous other vital signaling proteins such as the androgen receptor, the Src kinase family, integrin beta1, integrin beta2, integrin beta3 and integrin beta5, beta-spectrin and dynamin, RasGAP, insulin-like growth factor 1 receptor (IGF-1r), Epstein-Barr virus trans-activator protein BZLF1, p73 and pRB. GNB2L1 is highly expressed in tissues of higher mammals and humans including spleen, liver and brain.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The GNB2L1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 5mM DTT and 50% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MTEQMTLRGT LKGHNGWVTQ IATTPQFPDM ILSASRDKTI IMWKLTRDET NYGIPQRALR GHSHFVSDVV ISSDGQFALS GSWDGTLRLW DLTTGTTTRR FVGHTKDVLS VAFSSDNRQI VSGSRDKTIK LWNTLGVCKY TVQDESHSEW VSCVRFSPNS SNPIIVSCGW DKLVKVWNLA NCKLKTNHIG HTGYLNTVTV SPDGSLCASG GKDGQAMLWD LNEGKHLYTL DGGDIINALC FSPNRYWLCA ATGPSIKIWD LEGKIIVDEL KQEVISTSSK AEPPQCTSLA WSADGQTLFA GYTDNLVRVW QVTIGTR