9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6995: PICK1 Human

Alternative Name :	Protein Interacting With PRKCA 1, PRKCABP, Protein Kinase C-Alpha-Binding Protein, Protein Interacting With C Kinase 1, Protein Kinase C, Alpha Binding Protein, Protein Interacting With PRKCA, PRKCA-Binding Protein, PICK, PRKCA-binding protein.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
Protein Interacting with PRKCA 1, also known as PICK1 includes a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). PICK1 performs as an adaptor which binds to and arranges the subcellular localization of various membrane proteins. PICK1 interacts with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, in addition to non-voltage gated sodium channels, and might target PRKCA to these membrane proteins and therefore regulates their distribution as well as function. PICK1 has also been found to perform as an anchoring protein which particularly targets PRKCA to mitochondria in aÂ ligand-specific manner.
PICK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 438 amino acids (1-415 a.a) and having a molecular mass of 49.0kDa.Â

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	PICK1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT.
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 MGSMFADLDY DIEEDKLGIP TVPGKVTLQK DAQNLIGISI GGGAQYCPCL YIVQVFDNTP AALDGTVAAG DEITGVNGRS IKGKTKVEVA KMIQEVKGEV TIHYNKLQAD PKQGMSLDIV LKKVKHRLVE NMSSGTADAL GLSRAILCND GLVKRLEELE RTAELYKGMT EHTKNLLRAF YELSQTHRAF GDVFSVIGVR EPQPAASEAF VKFADAHRSI EKFGIRLLKT IKPMLTDLNT YLNKAIPDTR LTIKKYLDVK FEYLSYCLKV KEMDDEEYSC IALGEPLYRV STGNYEYRLI LRCRQEARAR FSQMRKDVLE KMELLDQKHV QDIVFQLQRL VSTMSKYYND CYAVLRDADV FPIEVDLAHT TLAYGLNQEE FTDGEEEEEE EDTAAGEPSR DTRGAAGPLD KGGSWCDS.

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