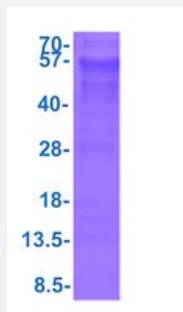


Full-Length

PICK1 (Human) Recombinant Protein

Catalog # P7777 Size 250 ug

Applications



SDS-PAGE analysis of PICK1 (Human) Recombinant Protein

Specification

Product Description	Human PICK1 (NP_001034673, 1 a.a. - 415 a.a) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMFADLDYDIEEDKLGIPVPGKVTLQKDAQNLIGISIGGGAQYCPCLYVQVFDNTPAALDGTVAAGDEITGVNGRSIKGKTKVEVAKMIQEVKGEVTIHYNKLQADPKQGMSLDIVLKKVKHRLVENMSSGTADALGLSRAILCNDGLVKRLEELERTAELYKGMTEHTKNLLRAFYELSQTHRAFGDVFSVIGVREPQPAASEAFVKFADAHRSIEKFGIRLLKTIKPMMLDNLNTYLNKAI PDTRLTIKKYLDVKFEYLSYCLVKKEMDDEEYSCIALGEPLYRVSTGNYEYRLILRCRQEARARFSQMRKDVLEKMELLDQKHVQDIVFQLQRLVSTMSKYND CYAVLRDADVFPFIEVDLAHTTLAYGLNQEEFTDGEEDTAAGEPSRDTRGAAGPLDKGGSWCDS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	49
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of PICK1 (Human) Recombinant Protein

Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1 mM DTT, 30% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — PICK1

Entrez GeneID	9463
Protein Accession#	Q9NRD5
Gene Name	PICK1
Gene Alias	MGC15204, PICK, PRKCABP
Gene Description	protein interacting with PRKCA 1
Omim ID	605926
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. This protein has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000028509 PRKCA-binding protein protein interacting with C kinase 1 protein kinase C, alpha binding protein

Disease

- [Amphetamine-Related Disorders](#)

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Psychoses](#)
- [Schizophrenia](#)