

Recombinant Full Length Human PIK3AP1 Protein, C-Flag-tagged

Cat. No. PIK3AP1-1855HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PIK3AP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable phosphatidylinositol 3-kinase regulatory subunit binding activity and signaling receptor binding activity. Predicted to be involved in regulation of inflammatory response; regulation of signal transduction; and toll-like receptor signaling pathway. Predicted to be located in cytoplasm and membrane. Predicted to be active in cytosol.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	90.2 kDa
AA Sequence	MAASGVPRGCDILIVYSPDAEEWCQYLQTLFLSSRQVRSQKILTHRLGPEASFS AEDLSLFLSTRCVVVL LSAELVQHFKPSLLPLLQRAFHPPHRVRLLCGVRDSEEF LDFFPDWAHWQELTCDDPEPTYVAAVKKA ISEDSGCDSVTDTEPEDEKVVSY SKQQNLPTVTSPGNLMVVQPDRIRCGAETTVYVIVRCKLDDRVATEA EFSPED SPSVRMEAKVENEYTISVKAPNLSGNSVSLKIYSGDLVVCETVISYYTDMEEI GNLLSNAANPV EFM CQAFKIVPYNTETLDKLLTESLKNNIPASGLHLFGINQ LEEEEDMMTNQRDEELPTLLH FAAKYGLKN LTALLTCPGALQAYSVANKH GHYPNTIAEKHGFRLRQFIDEYVETV

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DMLKSHIKEELMHGEEADAVYE SMAHLSTDLLMKCSLNP GCDEDLYESMAAFVPAA
 TEDLYVEMLQASTSNIPGDGFSRATKDSMIRKFLE GNSMGMTNLERDQCHLGQE
 EDVYHTVDDDEAFSVDLASRPPVPVPRPETTAPGAHQLPDNEPYIFKVFAE KSQER
 PGNFYVSSSESIRKGPVVRPWRDRPQSSYDPFAGMKTPGQRQLITLQE QVKLGIVNV
 DEAVLHFK EWQLNQKKRSESFRFQQENLKRLRDSITRRQREKQKSGKQTDLEITVP
 IRHSQHLPKAVEFGVYESGPRK SVIPPRTELRRGDWKT DSTSSTASSTSNRSSTRS
 LLSVSSGMEGDNEDNEVPEVTRSRSPGPPQVDGTPT MSLERPPRVPPRAASQRP
 PTRETFHPPPPVPPRGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	B cell receptor signaling pathway
Full Length	Full L.

GENE INFORMATION

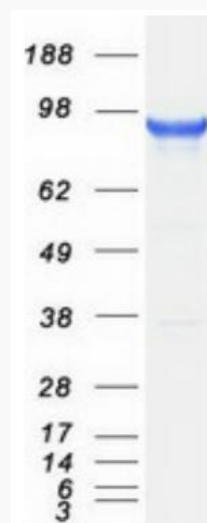
Gene Name	PIK3AP1 phosphoinositide-3-kinase adaptor protein 1 [Homo sapiens (human)]
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Official Symbol	PIK3AP1
Synonyms	BCAP
Gene ID	118788
mRNA Refseq	NM_152309.3
Protein Refseq	NP_689522.2
MIM	607942
UniProt ID	Q6ZUJ8



Coomassie blue staining of purified PIK3AP1 protein.