

Recombinant Full Length Human APPL1 Protein, GST-tagged

Cat. No. APPL1-1194HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APPL1 full-length ORF (NP_036228.1, 1 a.a. - 709 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	709 amino acids
Description	The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus. [provided by RefSeq, Jul 2008]
Molecular Mass	106.1 kDa
AA Sequence	MPGIDKLPIE ETLEDSPQTR SLLGVFEEDA TAISNYMNQL YQAMHRIYDA QNELSAATHL TSKLLKEYEK QRFPLGGDDE VMSSTLQQFS KVIDELSSCH AVLSTQLADA MMFPITQFKE RDLKEILTLK EVFQIASNDH DAAINRYSRL SKKRENDKVK YEVTEDVYTS RKKQHQTMMH YFCALNTLQY KKKIALLEPL LGYMQAQISF FKMGSENLNE QLEEFANIG TSVQNVRREM DSDIETMQQT IEDLEVASDP LYVPDPDPTK FPNVRNLTRK AGYLNARNKT GLVSSTWDRQ

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FYFTQGGNLM SQARGDVAGG LAMDIDNCSV MAVDCEDRRY CFQITSFDGK
 KSSILQAESK KDHEEWICTI NNISKQIYLS ENPEETAARV NQSALEAVTP
 SPSFQQRHES LRPAAGQSRP PTARTSSSGS LGSESTNLAA LSLDSLVPD
 TPIQFDIISP VCEDQPGQAK AFGQGGRRTN PFGESGGSTK SETEDSILHQ
 LFIVRFLGSM EVKSDDHPDV VYETMRQILA ARAIHNIFRM TESHLLVTCD
 CLKLIDPQTQ VTRLTFPLPC VVLYATHQEN KRLFGFVLRT SSGRSESNLS
 SVCYIFESNN EGEKICDSVG LAKQIALHAE LDRRASEKQK EIERVKEKQQ
 KELNKQKQIE KDLEEQSRLI AASSRPNQAS SEGQFVVLSS SQSEESDLGE
 GGKKRESEA

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

APPL1 adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper
 containing 1 [Homo sapiens]

Official Symbol

APPL1

Synonyms

APPL1; adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper
 containing 1; DCC-interacting protein 13-alpha; APPL; dip13-alpha; AKT2 interactor;
 signaling adaptor protein DIP13alpha; adapter protein containing PH domain, PTB
 domain and leucine zipper motif 1; adaptor protein containing pH domain, PTB
 domain and leucine zipper motif 1; DIP13alpha

Gene ID

26060

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mRNA Refseq	NM_012096
Protein Refseq	NP_036228
MIM	604299
UniProt ID	Q9UKG1

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