Recombinant Human APPL1 Protein, His-tagged

Cat. No. APPL1-7563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APPL1(Phe404~Ser673) fused with His tag at the N-terminus was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe404~Ser673
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	33.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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	If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

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
mRNA Refseq	NM_012096
Protein Refseq	NP_036228

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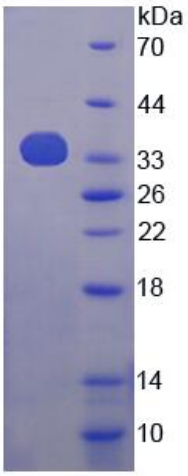
MIM	604299
UniProt ID	Q9UKG1



15% SDS-PAGE

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