



# Recombinant Human DCC-interacting protein 13-alpha (APPL1)

<b>Product Code</b>	CSB-YP890917HU
<b>Abbreviation</b>	APPL1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UKG1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPGIDKLP IE ETLEDSPQTR SLLGVFEEDA TAISNYMNQL YQAMHRIYDA QNELSAATHL TSKLLKEYEK QRFPLGGDDE VMSSTLQQFS KVIDELSSCH AVLSTQLADA MMFPITQFKE RDLKEILTLK EVFQIASNDH DAINRYSRL SKKRENDKVK YEVTEDVYTS RKKQHQTMMH YFCALNTLQY KKKIALLEPL LGYMQAQISF FKMGS ENLNE QLEEF LANIG TSVQNV RREM DSDIETMQQT IEDLEVASDP LYVPDPDPTK FPNRNLTRK AGYLNARNKT GLVSSTWDRQ FYFTQGGNLM SQARGDVAGG LAMDIDNCSV MAVDCEDRRY CFQITSFDGK KSSILQAESK KDHEEWICTI NNISKQIYLS ENPEETAARV NQSALEAVTP SPSFQQRHES LRPAAGQSRP PTARTSSSGS LGSESTNLAA LSLDSL VAPD TPIQFDIISP VCEDQPGQAK AFGQGGRRTN PFGESGGSTK SETEDSILHQ LFIVRFLGSM EVKSDDHPDV VYETMRQILA ARAIHNIFRM TESHLLVTCD CLKLIDPQTQ VTRLTFPLPC VVLYATHQEN KRLFGFVLR TSSGRSESNLS SVCYIFESNN EGEKICDSVG LAKQIALHAE LDRRASEKQK EIERVKEKQQ KELNKQKQIE KDLEEQSRLI AASSRPNQAS SEGQFVVLSS SQSEESDLGE GGKKRESEA
<b>Source</b>	Yeast
<b>Target Names</b>	APPL1
<b>Protein Names</b>	Recommended name: DCC-interacting protein 13-alpha Short name= Dip13-alpha Alternative name(s): Adapter protein containing PH domain, PTB domain and leucine zipper motif 1
<b>Expression Region</b>	1-709
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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