



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

Product Code	CSB-YP890917HU
Abbreviation	APPL1
Storage	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.
Uniprot No.	Q9UKG1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MPGIDKLP ^{IE} ETLEDSPQTR SLLGVFEEDA TAISNYMNQL YQAMHRIYDA QNELSAATHL TSKLLKEYEK QRFPLGGDDE VMSSTLQQFS KVIDELSSCH AVLSTQLADA MMFPITQFKE RDLKEILTLK EVFQIASNDH DAINRYSRL SKKRENDKVK YEVTEDEVYTS RKKQHQTM ^{MMH} YFCALNTLQY KKKIALLEPL LGYMQAQISF FKMGCSENLNE QLEEFANIG TSVQNV ^{REM} DSDIETMQQT IEDLEVASDP LYVPDPDPTK FPNRNLTRK AGYLNARNKT GLVSSTWDRQ FYFTQGGNLM SQARGDVAGG LAMDIDNCSV MAVDCEDRRY CFQITSFDGK KSSILQAESK KDHEEWICTI NNISKQIYLS ENPEETAARV NQSALEAVTP SPSFQQRHES LRPAAGQSRP PTARTSSSGS LGSESTNLAA LSLDSL ^{VAPD} TPIQFDIISP VCE ^{DQPGQAK} AFGQGGRRTN PFGESGGSTK SETEDSILHQ LFIVRFLGSM EVKSDDHPDV VYETMRQILA ARAIH ^{NIFRM} TESHLLVTCD CLKLIDPQTQ VTRLTFPLPC VVLYATHQEN KRLFGFVLR ^T SSGRSESNLS SVCYIFESNN EGEKICDSVG LAKQIALHAE LDRRASEKQK EIERVKEKQQ KELNKQKQIE KDLEEQSRLI AASSRPNQAS SEGQFVVLSS SQSEESDLGE GGKKRESEA
Source	Yeast
Target Names	APPL1
Protein Names	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
Expression Region	1-709
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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