

Product datasheet for PH322020

AP180 (SNAP91) (NM_014841) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNAP91 MS Standard C13 and N15-labeled recombinant protein (NP_055656)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222020
Predicted MW:	92.3 kDa
Protein Sequence:	>RC222020 representing NM_014841 Red=Cloning site Green=Tags(s)

MSGQTLDRIAAAQYSVTGSAVARAVCKATTHEVMGPKKKHLDYLIQATNETNVNIPQMADTLFERATNS
SWVVFVKALVTTTHLMVHGNERFIQYLASRNTLFNLSNFLDKSGSHGYDMSTFIRRYSRYLNEKAFSYRQ
MAFDFAFYKKGADGVMRTMAPEKLLKSMPIQGGIDALLEFDVHPNELTNGVINAAFMLLFKDLIKLFAC
YNDGVINLLEKFFEMKKGQCKDALEIYKRFLTRMTRVSEFLKVAEQVGIDKGDIPDLTQAPSSLMETLEQ
HLNTLEGGKPGNNEGSGAPSLSKSSPATTVTSPNSTPAKTIDTSPPVDLFATASAAVPVSTSKPSSDLL
DLQPDFSSGGAAAAAAPPPPAGGATAWGDLLGEDSLAALSSVPSEAQISDPFAPEPTPPTTTAEIATA
SASASTTTVTAVTAEVDFGDFAASPGEAAPAASEGAAAPATPTPVAALDACSGNDPFAPSEGSAAEA
PELDLFAKMPETSVPVVTPTASTAPPVPATAPSPAPAVAAAAAATTAATAAATTTTTTSAATATTAPPA
LDIFGDLFESTPEVAAAPKDAAPSIDLFDSTDAFSSPPQASPVPESSLTADLLSVDAFAAPSPATTASP
AKVDSSGVIDLFGDAFGSSASEPQASQAASSSASADLLAGFGGFSMAPSPSPVTPAQNNLLQPNFEAA
FGTTPSTSSSSSFDPSVFDGLGDLLMPTMAPAGQPAPVSMVPPSPAMAASKALGSDLSSLASLVGNLGI
SGTTTTKKGDLQWNAGEKKLTGGANWQPKVAPATWSAGVPPSAPLQGAVPPTSSVPPVAGAPSVGQPGAGF
GMPPAGTGMPMPMQPVMFAQPMRPPFGAAAVPGTQLSPSPTPASQSPKPPAKDPLADLNKIDFL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_055656](#)

RefSeq Size: 4369

RefSeq ORF: 2721

Synonyms: AP180; CALM

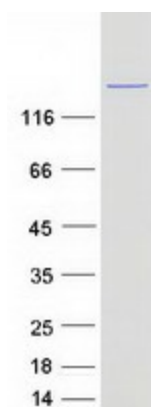
Locus ID: 9892

UniProt ID: [O60641](#)

Cytogenetics: 6q14.2

Summary: Adaptins are components of the adapter complexes which link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins, leading to their selection and concentration. Binding of AP180 to clathrin triskelia induces their assembly into 60-70 nm coats (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SNAP91 protein (Cat# [TP322020]). The protein was produced from HEK293T cells transfected with SNAP91 cDNA clone (Cat# [RC222020]) using MegaTran 2.0 (Cat# [TT210002]).