

Product datasheet for PH310933

RCSD 1 (RCSD1) (NM_052862) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RCSD1 MS Standard C13 and N15-labeled recombinant protein (NP_443094)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210933
Predicted MW:	44.5 kDa
Protein Sequence:	>RC210933 protein sequence Red=Cloning site Green=Tags(s)

MEERPAETNANVDNSASPSVAQLAGRFREQAAAAKETPASKPTRRKPPCSLPLFPKVDLQNGEEKSPP
NASHPPKFKVKSSPLIEKLQANLTFDPAALLPGASPKSPGLKAMVSPFHSPSTPSSPGVSRPSEAEV
PVSFDPPEGSHLPCYNKVRTRGSIKRRPPSRRFRRSQSDCGELGDFRAVESSQQNGAKEEDGDEVLP
SKAPGSPLSSEGAAGEGVRTLGPAEKPLRRSPSRTEKQEEDRATEEAKNGEKARRSSEEVGQHPAQEE
VPESPQTSGPEAENRCGSPREEKPAGEEAEMEKATEVKGERVQNEEVGPEHDSQETKKLEEGA
AVKETPH
SPPGGVKGGDVPKQEKQEGAVLEPGCSPQTGPAQLETSSSEVQSEPAVPKPEDDTPVQDTKM

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.
RefSeq:	NP_443094
RefSeq Size:	3012
RefSeq ORF:	1248
Synonyms:	CAPZIP; MK2S4
Locus ID:	92241



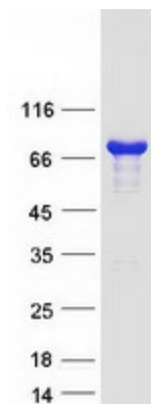
[View online »](#)

UniProt ID: [Q6JBY9](#)

Cytogenetics: 1q24.2

Summary: Stress-induced phosphorylation of CAPZIP may regulate the ability of F-actin-capping protein to remodel actin filament assembly.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RCSD1 protein (Cat# [TP310933]). The protein was produced from HEK293T cells transfected with RCSD1 cDNA clone (Cat# [RC210933]) using MegaTran 2.0 (Cat# [TT210002]).