

Product datasheet for PH304999

PC4 (SUB1) (NM_006713) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SUB1 MS Standard C13 and N15-labeled recombinant protein (NP_006704)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204999
Predicted MW:	14.4 kDa
Protein Sequence:	>RC204999 protein sequence Red =Cloning site Green =Tags(s) MPKSKELVSSSSGSDSDSEVDKCLKRKKQVAPEKPVKKQKTGETSRALSSSKQSSSRDDNMFQIGKMR YYSVRDFKGVKVLIDIREYWDPEGEMKPRKGIISLNPEQWSQLKEQISDIDDAVRKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_006704
RefSeq Size:	3522
RefSeq ORF:	381
Synonyms:	p14; P15; PC4
Locus ID:	10923
UniProt ID:	P53999 , Q6IBA2
Cytogenetics:	5p13.3



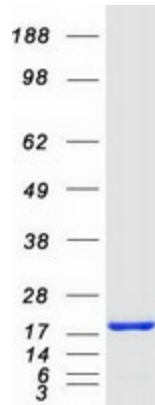
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Summary:

General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).[UniProtKB/Swiss-Prot Function]

Protein Families:

Transcription Factors

Product images:

Coomassie blue staining of purified SUB1 protein (Cat# [TP304999]). The protein was produced from HEK293T cells transfected with SUB1 cDNA clone (Cat# [RC204999]) using MegaTran 2.0 (Cat# [TT210002]).