

Product datasheet for PH311731

POC5 (NM_152408) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POC5 MS Standard C13 and N15-labeled recombinant protein (NP_689621)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211731
Predicted MW:	60.8 kDa
Protein Sequence:	>RC211731 protein sequence Red =Cloning site Green =Tags(s)

MKWEYEELLHYAIVTPNIEPCASQSSHPKGELVPDVRISTIHDILHSQGNNEVRETAIEVGKGCDFHI
 SSHSKTDESSPVLSPRKPSHPVMDFFSSHLLADSSPATNSSHTDAHEILVSDFLVSDENLQKMENVLDL
 WSSGLKTNIISELSKWRLNFIDWHRMEMRKEKEKHAHLKQLCNQINELKELQKTFEISIGRKDEVISSL
 SHAIGKQKEKIELMRTFFHWRIGHVRARQDVYEGKLADQYYQRTLLKKVWKVWRSVVQKQWKDVVERACQ
 ARAEEVCIQISNDYEAKVAMLSGALENAKAEIQRMQHEKEHFEDSMKKAFMRGVCALNLEAMTIFQNRND
 AGIDSTNNKKEEYGPVGQKEHSAHLDPSPMPPLPVTSPLLSPPPAAVGGASATAVPSAASMTSTRAAS
 ASSVHVPVSALGAGSAATAASEEMYVPRVVTSAQQKAGRTITARITGRCDFASKNRISSSLAIMGVSPPM
 SSVVVEKHHHPVTQTIPQATAAKYPRTIHPESSTSASRSLGTRSAHTQSLTSVHSIKVVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

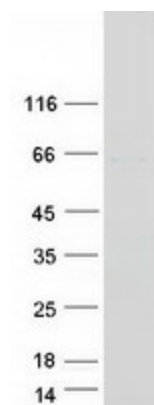
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	<u>NP_689621</u>
RefSeq Size:	1969
RefSeq ORF:	1650



[View online »](#)

Synonyms:	C5orf37
Locus ID:	134359
UniProt ID:	<u>Q8NA72</u>
Cytogenetics:	5q13.3
Summary:	Essential for the assembly of the distal half of centrioles, required for centriole elongation. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified POC5 protein (Cat# [TP311731]). The protein was produced from HEK293T cells transfected with POC5 cDNA clone (Cat# [RC211731]) using MegaTran 2.0 (Cat# [TT210002]).