

## Product datasheet for PH305959

### SMRP1 (C9orf24) (NM\_032596) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	C9orf24 MS Standard C13 and N15-labeled recombinant protein (NP_115985)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205959
Predicted MW:	30.2 kDa
Protein Sequence:	>RC205959 protein sequence Red=Cloning site Green=Tags(s)  MFLFSRKTRTPISTYSDSYRAPTSIKEYKDPPLCAWEANKFLTPGLTHTMERHVDPEALQKMAKCAVQD YTYRGSISGHPYLPEKYWLSQEEADKCSPNYLGSDWYNTWRMEPYNSSCCNKYTTYLPRLPKEARMETAV RGMPLCPRPERLNAYEREVMVNMLNSLSRNQQLPRITPRCGVDPLPGRLPFHGYESACSGRHYCLRG MDYYASGAPCTDRRLRPWCREQQTMCTSLRAPARNAVCCYNSPAIVLPISEP  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_115985</a>
RefSeq Size:	1184
RefSeq ORF:	786
Synonyms:	bA573M23.4; CBE1; NYD-SP22; SMRP1
Locus ID:	84688
UniProt ID:	<a href="#">Q8NCR6</a>

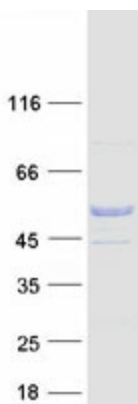


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Cytogenetics: 9p13.3

**Summary:** This gene encodes a nuclear- or perinuclear-localized protein with no predicted domains or similarity to other known proteins. Expression of this gene is induced during the differentiation of bronchial epithelial cells, and the encoded protein may play a role in ciliogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

### Product images:



Coomassie blue staining of purified C9orf24 protein (Cat# [TP305959]). The protein was produced from HEK293T cells transfected with C9orf24 cDNA clone (Cat# [RC205959]) using MegaTran 2.0 (Cat# [TT210002]).