

## Product datasheet for PH318593

### MARCHF2 (NM\_001005415) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MARCH2 MS Standard C13 and N15-labeled recombinant protein (NP_001005415)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218593
Predicted MW:	26.8 kDa
Protein Sequence:	>RC218593 representing NM_001005415 Red=Cloning site Green=Tags(s)  MTTGDCCHLPGSLCDCSGSPAFSKVVEATGLGPPQYVAQVTSRDGRLSTVIRTLDTSPDGPFRCICHEG ANGECLLSPCGCTGTLGAVHKSCLEKWLSSNTSYCELCHTEFAVEKRPRPLTEWLKDPGPRTEKRTLCC DMVCFLFITPLAAISGWLCLRGAQDHLRLHSQLEAVGLIALTIALFTIYVLWTLVSYFRYHCQLYSEWRKT NQKVRLKIREADSPGPGHQSPLAAGLLKKVAEETPV  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- <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_001005415</a>
RefSeq Size:	1434
RefSeq ORF:	738
Synonyms:	HSPC240; MARCH-II; MARCH2; RNF172
Locus ID:	51257
UniProt ID:	<a href="#">Q9P0N8</a>



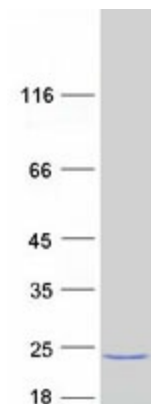
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**Cytogenetics:** 19p13.2

**Summary:** MARCH2 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH2 reduces surface accumulation of several glycoproteins and appears to regulate early endosome-to-trans-Golgi network (TGN) trafficking (Bartee et al., 2004 [PubMed 14722266]; Nakamura et al., 2005 [PubMed 15689499]).[supplied by OMIM, Mar 2010]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified MARCH2 protein (Cat# [TP318593]). The protein was produced from HEK293T cells transfected with MARCH2 cDNA clone (Cat# [RC218593]) using MegaTran 2.0 (Cat# [TT210002]).