

## Product datasheet for **TP318593**

### **MARCHF2 (NM\_001005415) Human Recombinant Protein**

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human membrane-associated ring finger (C3HC4) 2 (MARCH2), transcript variant 2, 20 µg  |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC218593 representing NM_001005415<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <p>MTTGDCCHLPGSLCDCSGSPAFSKVWEATGLGPPQYVAQVTSRDGRLLSTVIRLDTSPDGPFCRICHEG<br/>ANGECLLSPCGCTGLGAVHKSCLEKWLSSNTSYCELCHTEFAVEKRPRPLTEWLKDPGPRTEKRTLCC<br/>DMVCFLFITPLAAISGWLCLRGAQDHLRLHSQLEAVGLIALTIALFTIYVLWTLVSFRYHCQLYSEWRKT<br/>NQKVRLKIREADSPEGPQHSPLAAGLLKKVAEETPV</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 26.8 kDa  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| RefSeq:                               | <u><a href="#">NP_001005415</a></u>   |
| Locus ID:                             | 51257   |



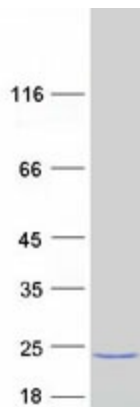
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UniProt ID: [Q9P0N8](#)  
RefSeq Size: 1434  
Cytogenetics: 19p13.2  
RefSeq ORF: 738  
Synonyms: HSPC240; MARCH-II; MARCH2; RNF172

**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]).