

## Product datasheet for PH306477

### FAM90A1 (NM\_018088) Human Mass Spec Standard

#### Product data:

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                     |
| Description:                          | FAM90A1 MS Standard C13 and N15-labeled recombinant protein (NP_060558) |
| Species:                              | Human                                                                   |
| Expression Host:                      | HEK293                                                                  |
| Expression cDNA Clone or AA Sequence: | RC206477                                                                |
| Predicted MW:                         | 49.8 kDa                                                                |
| Protein Sequence:                     | >RC206477 protein sequence<br>Red=Cloning site Green=Tags(s)            |

MMARRDPKPGAKRLVRAQTLQKQRRAPVGPRAPPPDEEDPRLKCKNCEAFGHTARSTRCPMKCWAALVP  
PNFGEKEGKENLKPWKPVQVEANPGPLNKDKEKEERPRQDPQRKALLHIFSGKPPEKPLPNQKGSTESS  
DYLRVASGPMPTHTTSKRPRVDPVLSDRSATEMSDRGSLASLSPLRKASLSSSSSLGPKERQTGAADI  
PQTAVRHQGPPELLVVKPTHSSPEGGCREVPQAASKTHGLLQAARPAQDKRPAVTSQPCPPAATHSLGL  
GSNLSFGPGAKRSAPAPIQAACLNFPKKPRLGPFQIPESAIQGELGAPENLQPLPAATELGPTSPQIGT  
RTPAQVLSGDRQPPHSRCLPTAQAQCTMSHHPAASHDGAQPLRVLFRRLENGRWSSLLTAPSFHSPEKP  
GAFLAQSPHVSEKSEGPCVRVPPSVLYEDLQVPSSSEDSDSL

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:          | <u>NP_060558</u>                                                                                                                                                         |
| RefSeq Size:     | 2516                                                                                                                                                                     |
| RefSeq ORF:      | 1392                                                                                                                                                                     |
| Locus ID:        | 55138                                                                                                                                                                    |



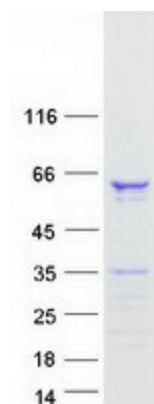
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UniProt ID: Q86YD7

Cytogenetics: 12p13.31

Summary: FAM90A1 belongs to subfamily I of the primate-specific FAM90A gene family, which originated from multiple duplications and rearrangements (Bosch et al., 2007 [PubMed 17684299]).  
[supplied by OMIM, Oct 2009]

### Product images:



Coomassie blue staining of purified FAM90A1 protein (Cat# [TP306477]). The protein was produced from HEK293T cells transfected with FAM90A1 cDNA clone (Cat# [RC206477]) using MegaTran 2.0 (Cat# [TT210002]).