

## Product datasheet for PH326307

### FHIP1A (NM\_001109977) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | FAM160A1 MS Standard C13 and N15-labeled recombinant protein (NP_001103447) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC226307  |
| Predicted MW:                         | 116.4 kDa   |
| Protein Sequence:                     | >RC226307 representing NM_001109977<br>Red=Cloning site Green=Tags(s)       |

MMSSVSTESKLLQQAVSLQGVDPETCMIVFKNHWAQVVKILEKHDPLKNTQAKYGSIPPDEASAVQNYVEH  
MLFLLIEEQAKDAAMGPILFVVSSENI MEKFLWLSLRREFTDETKIEQLKMYEMLVTQSHQPLLHHPIL  
KPLMMLSSCSGTTTTPTVEEKL VVLLNQLCSILAKDPSILELFFHTSEDQGAANFLIFSLIPFIHREGS  
VGQQARDALLFIMSLSAENTMVAHHIVENTYFCPVLATGLSGLYSSLPTKLEEKGEWEHCLLKDDWLLLP  
SLVQFMNSLEFCNAVIQVAHPLIRNQLVNYIYNGFLVPVLAPALHKVTVEEVMTTAYLDLFLRSISEPA  
LLEIFLRFILLHQHENVHILDTLTSRINTPFRLCVVSLALFRTLIGLHCEVMLQLVLRYLIPCNHMLS  
QRWAVKERDCYSVSAKLLALTPVCCSSGITLTLGNQERDYILWSKCMHDTSGPVERPFPEAFSESACIV  
EYGKALDISYLQYLWEAHTNILRCMRDCRVSALYDGDSPDPEMFLQSLTEEGSVSSACPVFGLPQQLP  
KTGPQLAPRKDKSQTELEWDDSYDTGISSGADVSGSPGYDDLEVSGPPAPIDPPKHIQEMKNALLLFGK  
SYIEESDFQDDVMVYRLCAEKDSEDMKDSQEEAARPPAEAEQAEVQSVPINNGPLLSTQPETDSEEEWNRD  
NSDPFHSEPKEPKQEREPEAAPESENSELASPAPEAEHSSNLAAHPESEELIAQYDQIIKELDSGAEGLM  
EQNYPTPDPLLLTKEEGKEESKGEKEKEGKKELEDEEDDFDSFIAEMPAVETVPSFVGRDEAAAFASRH  
PVRTQSTPFTGPFISVVL SKLENMLENSLHVNLLLIGIITQLASYPQPLLRSLNNTMVFQPSVRSLYQ  
VLASVKNKIEQFASVERDFPGLLIQAQQYLLFRVDMSDMTPAALTKDPIQEASRTGSGKNLLDGPVRLQ  
PFLTHRTKVAEAPPNPLPVRNPMLAAALFPEFLKELAALAEHSILCYKILGDFEDSCC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

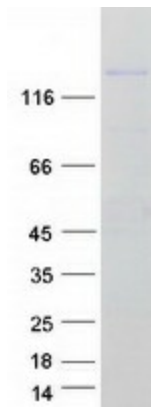
|                  |  |
|------------------|--|
| Tag:             | C-Myc/DDK  |
| Purity:          | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Concentration:   | >0.05 µg/µL as determined by microplate BCA method   |
| Labeling Method: | Labeled with [U- <sup>13</sup> C <sub>6</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.   |



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|               |  |
|---------------|--|
| Stability:    | Stable for 3 months from receipt of products under proper storage and handling conditions.   |
| RefSeq:       | <a href="#">NP_001103447</a>   |
| RefSeq ORF:   | 3120   |
| Locus ID:     | 729830   |
| UniProt ID:   | <a href="#">Q05DH4</a>   |
| Cytogenetics: | 4q31.3   |
| Summary:      | Probable component of the FTS/Hook/FHIP complex (FHF complex) (PubMed:32073997). FHF complex promotes the distribution of AP-4 complex to the perinuclear area of the cell (PubMed:32073997).[UniProtKB/Swiss-Prot Function] |

### Product images:



Coomassie blue staining of purified FAM160A1 protein (Cat# [TP326307]). The protein was produced from HEK293T cells transfected with FAM160A1 cDNA clone (Cat# [RC226307]) using MegaTran 2.0 (Cat# [TT210002]).