

## Product datasheet for PH327668

### NECAP2 (NM\_001145278) Human Mass Spec Standard

#### Product data:

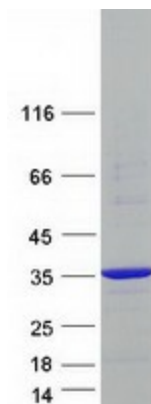
|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | NECAP2 MS Standard C13 and N15-labeled recombinant protein (NP_001138750)  |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC227668   |
| Predicted MW:                         | 25.1 kDa   |
| Protein Sequence:                     | >RC227668 representing NM_001145278<br>Red=Cloning site Green=Tags(s)<br><br>MEESGAAEWQLDQPSWSGRLRITAKGQMAYIKLEDRTSGELFAQAPVDQFPGTAVESVTDSSRYFVIRIE<br>DGNRRAFIGIGFGDRGDAFDNFVALQDHFKWKQQCEFAKQAQNPDQGPKLDLGFKEGQTIKLNIANMK<br>KKEGAAGNPRVVRPASTGGLSLLPPPPGGKTSTLIPPPGEQLAVGGSLVQPAVAPSSGGAPVWPQPNPAT<br>ADIWGDFTKSTGSTSSQTQPGTGWVQF<br><br>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_001138750</a>   |
| RefSeq ORF:                           | 711  |
| Locus ID:                             | 55707  |
| UniProt ID:                           | <a href="#">Q9NVZ3</a> , <a href="#">Q9NVZ3-4</a>  |
| Cytogenetics:                         | 1p36.13  |



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**Summary:**

This gene likely encodes a member of the adaptin-ear-binding coat-associated protein family. Studies of a similar protein in rat suggest a role in clathrin-mediated endocytosis. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]

**Product images:**

Coomassie blue staining of purified NECAP2 protein (Cat# [TP327668]). The protein was produced from HEK293T cells transfected with NECAP2 cDNA clone (Cat# [RC227668]) using MegaTran 2.0 (Cat# [TT210002]).