

## Product datasheet for PH304768

### EXOSC8 (NM\_181503) Human Mass Spec Standard

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | EXOSC8 MS Standard C13 and N15-labeled recombinant protein (NP_852480)   |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC204768   |
| Predicted MW:                         | 30 kDa   |
| Protein Sequence:                     | >RC204768 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MAAGFKTVEPLEYYRRFLKENCPRDRELGEFRITTTVNIIGSISTADGSALVKLGNTTVICGVKAEEFAAPS<br>TDAPDKGYVVPNVLDLPLCSSRFRRSGPPGEEAQVASQFIADVIENSQIIQKEDLCISPGKLVWVLYCDLI<br>CLDYDGNILDACTFALLAALKNVQLPEVTINEETALAEVNLKKSYSYLNIRTHPVATSFVAFDDTLLIVDP<br>TGEEHHLATGTLTIVMDEEGKLCCLHKPGGSLTGAKLQDCMSRAVTRHKEVKKLMDEVIKSMKPK<br><br><b>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</b> |
| 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_852480</a>  |
| RefSeq Size:                          | 1427   |
| RefSeq ORF:                           | 828  |
| Synonyms:                             | bA421P11.3; CIP3; EAP2; OIP2; p9; PCH1C; RRP43; Rrp43p   |
| Locus ID:                             | 11340  |
| UniProt ID:                           | <a href="#">Q96B26</a>   |



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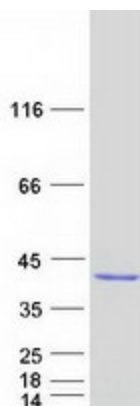
Cytogenetics: 13q13.3

**Summary:** This gene encodes a 3'-5' exoribonuclease that specifically interacts with mRNAs containing AU-rich elements. The encoded protein is part of the exosome complex that is important for the degradation of numerous RNA species. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Mar 2009]

**Protein Families:** Stem cell - Pluripotency

**Protein Pathways:** RNA degradation

### Product images:



Coomassie blue staining of purified EXOSC8 protein (Cat# [TP304768]). The protein was produced from HEK293T cells transfected with EXOSC8 cDNA clone (Cat# [RC204768]) using MegaTran 2.0 (Cat# [TT210002]).