

## Product datasheet for **TP503994**

### Imp4 (NM\_178601) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse IMP4, U3 small nucleolar ribonucleoprotein (Imp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  |
| Species:                              | Mouse   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >MR203994 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)<br><br>MLRREARLRREYLYRKAREEAQRSVQEKERVKRALEENQLIPTELRREALALQGSLEFDDAGGEGVTSH<br>VDDEYRWAGVEDPKVMITTSRDPSSRLKMFAKELKLVFPGAQRMNRGRHEVGALVRACKANGVTDLLV<br>H<br>EHRGTPVGLIVSHLPFGPTAYFTLCNVVMRHDIPDLGTMSEAKPHLITHGFSSRLGKRVSDILRYLFPVP<br>KDDSHRVITFANQDDYISFRHHVYKKTDRHNVELTEVGPRFELKLYMIRLGTLEQEATADVEWRWHPYTN<br>TARKRVFLSAE<br><br><span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span> |
| Tag:                                  | C-MYC/DDK   |
| Predicted MW:                         | 33.7 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  |
| 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 after receiving vials.   |
| 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:                               | <a href="#">NP_848716</a>   |
| Locus ID:                             | 27993   |
| UniProt ID:                           | <a href="#">Q8VHZ7</a>  |


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|               |  |
|---------------|--|
| RefSeq Size:  | 2249   |
| Cytogenetics: | 1 13.22 cM   |
| RefSeq ORF:   | 873  |
| Synonyms:     | AA409888; AV031295; D1Wsu40e   |
| Summary:      | Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing (By similarity).[UniProtKB/Swiss-Prot Function] |