

## Product datasheet for TP321581L

### C12orf59 (TMEM52B) (NM\_153022) Human Recombinant Protein

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Description:                          | Recombinant protein of human chromosome 12 open reading frame 59 (C12orf59), 1 mg                                                                                                                                                                                                                                                                                                                                                    |
| Species:                              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expression cDNA Clone or AA Sequence: | >RC221581 representing NM_153022<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)<br><br>MSWRPQPCCISSCCLTTDWWHLWYIWLLVIGALLLLCGLTSLCFRCCCLSRQQNGEDGGPPPCEVTVIA<br>FDHDSLQSTITSLQSVFGPAARRILAVAHSHSSLGQLPSSLDTLPGYEEALHMSRFTVAMCGQKAPDLP<br>PVPEEKQLPPTKESTRIVDSWN<br><br><span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span> |
| Tag:                                  | C-Myc/DDK                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Predicted MW:                         | 17.7 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                                                                                                                                                                                                                                                                                                                                                                                 |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                                                                                                                                                                                                                                                                                                     |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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_694567</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                             | 120939                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt ID:                           | <a href="#">Q4KMG9</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| RefSeq Size:                          | 2708                                                                                                                                                                                                                                                                                                                                                                                                                                 |


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|                   |               |
|-------------------|---------------|
| Cytogenetics:     | 12p13.2       |
| RefSeq ORF:       | 489           |
| Synonyms:         | C12orf59      |
| Protein Families: | Transmembrane |

## Product images:



Coomassie blue staining of purified TMEM52B protein (Cat# [TP321581]). The protein was produced from HEK293T cells transfected with TMEM52B cDNA clone (Cat# [RC221581]) using MegaTran 2.0 (Cat# [TT210002]).