

## Product datasheet for **TP311691M**

### IL36RN (NM\_012275) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human interleukin 1 family, member 5 (delta) (IL1F5), transcript variant 1, 100 µg   |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC211691 representing NM_012275<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEESVVPNRWLDASLSPVILGVQGGSQLSC<br>GVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTVPEADQPVRLTQLPENG<br>GWNAPITDFYFQQCD<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 16.8 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_036407</a>   |
| Locus ID:                             | 26525   |
| UniProt ID:                           | <a href="#">Q9UBH0</a> , <a href="#">A0A024R518</a>   |



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|                   |   |
|-------------------|---|
| RefSeq Size:      | 2717  |
| Cytogenetics:     | 2q14.1  |
| RefSeq ORF:       | 465   |
| Synonyms:         | FIL1; FIL1(DELTA); FIL1D; IL-36Ra; IL1F5; IL1HY1; IL1L1; IL1RP3; IL36RA; PSORP; PSORS14   |
| Summary:          | The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine was shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, member 6 (IL1F6). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008] |
| Protein Families: | Druggable Genome, Secreted Protein  |

### Product images:



Coomassie blue staining of purified IL36RN protein (Cat# [TP311691]). The protein was produced from HEK293T cells transfected with IL36RN cDNA clone (Cat# [RC211691]) using MegaTran 2.0 (Cat# [TT210002]).