

## Product datasheet for **TP302343L**

### ELMOD2 (NM\_153702) Human Recombinant Protein

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                 |
| Description:                          | Recombinant protein of human ELMO/CED-12 domain containing 2 (ELMOD2), 1 mg                                                                                                                                                                                                                                                                                          |
| Species:                              | Human                                                                                                                                                                                                                                                                                                                                                                |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                                                                                                              |
| Expression cDNA Clone or AA Sequence: | >RC202343 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                                                                                                                                                                                                                                                                                         |
|                                       | <br>MFISLWEFFYGHFFRFWMKWLLRQMTGKCELQRIFDITYVGAQRTHRIENSLTYSKNKVLQKATHVVQSEV<br>DKYVDDIMKEKNINPEKDASFKICMKMCLLQITGYKQLYLDVESVRKRPYSDNLQHELLMKLWLLMP<br>TKKLNARISKQWAEIGFQGDDPKTDFRGMGILGLINLVYFSENYTSEAHQILSRSNHPKLGYSYAIVGIN<br>LTEMAYSLKSEALKFHLYNLVPGIPTMEHFHQFYCYLVYEFDKFWFEEEPESIMYFNLYREKFHEKIKG<br>LLLDCNVALTLKV<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK                                                                                                                                                                                                                                                                                                                                                            |
| Predicted MW:                         | 34.8 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:                               | <u><a href="#">NP_714913</a></u>                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:                             | 255520                                                                                                                                                                                                                                                                                                                                                               |



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UniProt ID: [Q8IZ81](#)

RefSeq Size: 4425

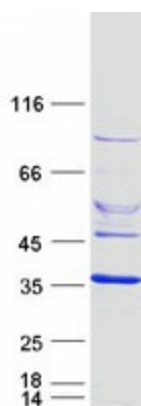
Cytogenetics: 4q31.1

RefSeq ORF: 879

Synonyms: 9830169G11Rik

**Summary:** This gene encodes one of six engulfment and motility (ELMO) domain-containing proteins. This gene is thought to play a role in antiviral responses. Mutations in this gene may be involved in the cause of familial idiopathic pulmonary fibrosis. [provided by RefSeq, Sep 2010]

### Product images:



Coomassie blue staining of purified ELMOD2 protein (Cat# [TP302343]). The protein was produced from HEK293T cells transfected with ELMOD2 cDNA clone (Cat# [RC202343]) using MegaTran 2.0 (Cat# [TT210002]).