

## Product datasheet for **TP307557M**

### **FGL2 (NM\_006682) Human Recombinant Protein**

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human fibrinogen-like 2 (FGL2), 100 µg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC207557 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <p>MKLANWYWLSSAVLATYGFLVANNETEEIKDERAKDVCPVRLESRGKCEEAGECPYQVSLPPLTIQLPK<br/>QFSRIEEVFKEVQNLKEIVNSLKKSCQDCKLQADDNGDPGRNGLLLPSTGAPGEVGDNRVRELESEVNKL<br/>SSELKNAKEEINVLHGRLEKLNLVNMNNIENYVDSKVANLTFVNSLDGKCSKPSQEQISRPVQHLY<br/>KDCSDYYAIGKRSSETYRVTPDPKNSSFVYCDMETMGGGWTVLQARLDGSTNFRTRWQDYKAGFGNLR<br/>EFWLGNDKIHLLTKSKEMILRIDLEDFNGVELYALYDQFVANEFLKYRLHVGNYNGTAGDALRFNKHYN<br/>HDLKFFTPDKDNDRYPSGNCGLYSSGWWFDACLSANLNGKYYHQKYRGVRNGIFWGTWPGVSEAHPPG<br/>YKSSFKEAKMMIRPKHFKP</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 47.6 kDa   |
| Concentration:                        | >0.1 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_006673</a></u>   |



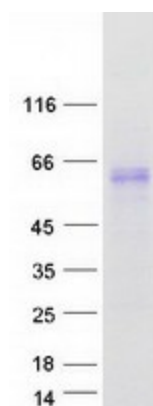
[View online »](#)

Locus ID: 10875  
UniProt ID: [Q14314](#), [A4D1B8](#)  
RefSeq Size: 4268  
Cytogenetics: 7q11.23  
RefSeq ORF: 1317  
Synonyms: pT49; T49

**Summary:** The protein encoded by this gene is a secreted protein that is similar to the beta- and gamma-chains of fibrinogen. The carboxyl-terminus of the encoded protein consists of the fibrinogen-related domains (FRED). The encoded protein forms a tetrameric complex which is stabilized by interchain disulfide bonds. This protein may play a role in physiologic functions at mucosal sites. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Secreted Protein

### Product images:



Coomassie blue staining of purified FGL2 protein (Cat# [TP307557]). The protein was produced from HEK293T cells transfected with FGL2 cDNA clone (Cat# [RC207557]) using MegaTran 2.0 (Cat# [TT210002]).