

## Product datasheet for **TP504485**

### **Fg11 (NM\_145594) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse fibrinogen-like protein 1 (Fg11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR204485 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGKIYSFVLVAIALMMGREGWALESESLREQVRLRAQVHQLETRVKQQQTMI AQLLHEKEVQFLDKGSE NSFIDLGGKRQYADCSEIYNDGFKQSGFYKIKPLQSLAEFSVYCDMSDGGGWTVIQRRSDGSENFNRGWN DYENGFNFVQNNGEYWLGKNINLLTIQGDYTLKIDLDFEKNSSFAQYQSFKVGDKKSFYELNIGEYS GTAGDSLSTGFHPEVQWWASHQRMKFSTWDRDNDNYQGNCAEEEEQSGWWFNRCHSANLNGVYYRGSYRAE TDNGVWYTWHGWWYSLKSVVMKIRPSDFIPNII  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	36.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_663569</a>
<b>Locus ID:</b>	234199
<b>UniProt ID:</b>	<a href="#">Q71KU9</a> , <a href="#">A0A0R4J0E1</a>



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RefSeq Size: 1120

Cytogenetics: 8 A4

RefSeq ORF: 945

Synonyms: Mfire1

**Summary:** Immune suppressive molecule that inhibits antigen-specific T-cell activation by acting as a major ligand of LAG3 (PubMed:30580966). Responsible for LAG3 T-cell inhibitory function (PubMed:30580966). Binds LAG3 independently from MHC class II (MHC-II) (PubMed:30580966). In addition to its role in inhibiting inflammatory immune responses, also plays a role in hepatocytes (By similarity). Under normal physiological conditions, primarily secreted from hepatocytes and contributes to its mitogenic and metabolic functions (By similarity).[UniProtKB/Swiss-Prot Function]