

## Product datasheet for PH302778

### FGL1 (NM\_201553) Human Mass Spec Standard

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | FGL1 MS Standard C13 and N15-labeled recombinant protein (NP_963847)   |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC202778   |
| Predicted MW:                         | 36.4 kDa   |
| Protein Sequence:                     | >RC202778 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MAKVFSFILVTTALTMGREISALEDCAQEQMRLRAQVRLLETRVKQQQVKIKQLLQENEVQFLDKGDENT<br>VIDLGSKRQYADCSEIFNDGYKLSGFYKIKPLQSPAEFVYCDMSDGGGWTVIQRRSDGSENFNRGWKDY<br>ENGFGNFVQKHGEYWLGNKNLHFLTQEDYTLKIDLADFEKNSRYAQYKNFKVGDENKFYELNIGEYSGT<br>AGDSLGNFHPVQWWASHQRMKFSTWDRDHDNYEGNCAEEDQSGWVFNRCHSANLNGVYVYSGPYTAKTD<br>NGIVWYTWHGWWYSLKSVVMKIRPNDFIPNVI<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag:                                  | C-Myc/DDK  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Labeling Method:                      | Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine   |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3   |
| Storage:                              | Store at -80°C. Avoid repeated freeze-thaw cycles.   |
| Stability:                            | Stable for 3 months from receipt of products under proper storage and handling conditions.   |
| RefSeq:                               | <a href="#">NP_963847</a>  |
| RefSeq Size:                          | 1500   |
| RefSeq ORF:                           | 936  |
| Synonyms:                             | HFREP1; HP-041; HPS; LFIRE-1; LFIRE1   |
| Locus ID:                             | 2267   |



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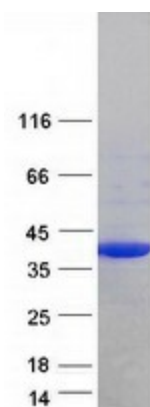
UniProt ID: [Q08830](#)

Cytogenetics: 8p22

**Summary:** Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene. [provided by RefSeq, Jul 2008]

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

### Product images:



Coomassie blue staining of purified FGL1 protein (Cat# [TP302778]). The protein was produced from HEK293T cells transfected with FGL1 cDNA clone (Cat# [RC202778]) using MegaTran 2.0 (Cat# [TT210002]).