

IGFL1 Protein, Human (HEK293, hFc)

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| Cat. No.: | HY-P700450 |
| Synonyms: | UNQ644; APRG644 |
| Species: | Human |
| Source: | HEK293 |
| Accession: | Q6UW32 (A25-S110) |
| Gene ID: | 374918 |
| Molecular Weight: | 38.7 kDa |

PROPERTIES

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| AA Sequence | <p>A P V A P M T P Y L M L C Q P H K R C G D K F Y D P L Q H C C Y D D A V V P L A</p> <p>R T Q T C G N C T F R V C F E Q C C P W T F M V K L I N Q N C D S A R T S D D R</p> <p>L C R S V S</p> |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of PBS, 6% Trehalose, pH 7.4. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | <p>The IGFL1 protein is identified as a probable ligand for the IGFLR1 cell membrane receptor, indicating its role in mediating cellular responses through receptor binding. Existing as a homodimer with disulfide linkages, IGFL1 showcases a structural arrangement that suggests its potential involvement in specific signaling events upon binding to its cognate receptor. The homodimeric nature of IGFL1 underlines its capacity for complex interactions, emphasizing its potential significance in cellular communication and signaling pathways mediated by the IGFLR1 receptor. Further investigations into the precise mechanisms and downstream effects of the IGFL1-IGFLR1 interaction will provide valuable insights into the functional roles of this ligand-receptor pair.</p> |
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA