

IGFL1 Protein, Human, Recombinant (hFc)

General Information

Synonyms:	IGFL1;Insulin growth factor-like family member 1
Protein Construction:	25-110 aa
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q6UW32
Molecular Weight:	38.7 kDa (Predicted)
AA Sequence:	APVAPMTPYLMLCQPHKRCGDKFYDPLQHCCYDDAVVPLARTQTCGNCTFRVCFEQCCPWTFMVKLINQNC DSARTSDDRLCRSVS

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized Human IGFLR1 at 2 µg/mL can bind Human IGFL1, the EC50 is 32.33-47.52 ng/mL.
Purity:	> 95% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 264 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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