

IGFLR1 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77396
Synonyms:	IGF-like family receptor 1; Transmembrane protein 149; TMEM149; U2AF1L4
Species:	Human
Source:	HEK293
Accession:	Q9H665 (M1-P159)
Gene ID:	79713
Molecular Weight:	Approximately 58.9&47.6 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
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

Background	The IGFLR1 protein emerges as a probable cell membrane receptor for the IGF-like family proteins, demonstrating a specific affinity for IGFL1 and IGFL3, with a higher binding affinity compared to other family members. This suggests a selective interaction profile between IGFLR1 and these ligands. Furthermore, IGFLR1 may also exhibit the capacity to bind IGFL2, further expanding its potential ligand repertoire. The distinctive binding preferences underscore the receptor's role in mediating cellular responses to IGF-like family proteins, highlighting its significance in the intricate network of cellular signaling pathways.
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Caution: Product has not been fully validated for medical applications. For research use only.

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