

PILR-alpha Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76545
Synonyms:	Paired immunoglobulin-like type 2 receptor alpha; Cell surface receptor FDF03; PILRA
Species:	Mouse
Source:	HEK293
Accession:	Q2YFS3 (M1-V197)
Gene ID:	231805
Molecular Weight:	35-45 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	PILR-alpha Protein, a member of paired receptors pivotal in immune system regulation, serves as a receptor for CD99 and PIANP. Its involvement in interactions with CD99 underscores its role in cellular recognition and immune response modulation. Paired receptors, characterized by closely related activating and inhibitory forms, play a crucial role in finely tuning the regulatory mechanisms of the immune system. The observed interactions with specific ligands emphasize PILR-alpha's significance in mediating immune responses and cellular recognition processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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