

## LILRB5/CD85c/LIR-8 Protein, Human (Biotinylated, HEK293, His)

Cat. No.:	HY-P77443
Synonyms:	Leukocyte immunoglobulin-like receptor subfamily B member 5; LIR-8; CD85c; LILRB5
Species:	Human
Source:	HEK293
Accession:	O75023 (M1-G458)
Gene ID:	10990
Molecular Weight:	Approximately 48.8 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of Sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> 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	LILRB5/CD85c/LIR-8 Protein appears to function as a receptor for class I MHC antigens, suggesting a pivotal role in immune recognition and modulation. Its capacity to interact with class I MHC molecules underscores its involvement in monitoring and potentially influencing immune responses. As a receptor, LILRB5 may contribute to the regulation of immune activities, particularly in the context of recognizing and responding to cells displaying class I MHC antigens. Further exploration of LILRB5's interactions and its impact on immune signaling could enhance our understanding of its role as a receptor and its potential implications in immune surveillance and modulation.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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