

LILRA3/CD85e/ILT6 Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P77984
Synonyms:	CD85e; HM31; HM43; ILT6; ILT-6; LILRA3; LIR4; LIR-4HM43e3
Species:	Human
Source:	HEK293
Accession:	Q8N6C8 (G24-E439)
Gene ID:	11026
Molecular Weight:	68-72 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/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	LILRA3/CD85e/ILT6 acts as a soluble receptor for class I MHC antigens, binding both classical and non-classical HLA class I molecules, although with reduced affinities compared to LILRB1 or LILRB2. This protein exhibits a high-affinity interaction with the surface of monocytes, resulting in the suppression of LPS-induced TNF-alpha production by monocytes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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