

LILRB1/CD85j/ILT2 Protein, Rhesus macaque (440a.a, HEK293, Fc)

Cat. No.:	HY-P78325
Synonyms:	ILT2; ILT-2; ILT2FLJ37515; LILRB1; LIR1; MIR7; CD85J; XXbac-BCX85G21.4
Species:	Rhesus Macaque
Source:	HEK293
Accession:	F7H3G7 (S17-H456)
Gene ID:	692340
Molecular Weight:	80-90 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	LILRB1/CD85j/ILT2 Protein a member of the leukocyte immunoglobulin-like receptor (LIR) family which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs) ^[2] . LILRB1/CD85j/ILT2 Protein is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity ^[3] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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