

## Recombinant Human LILRB2/ILT-4/CD85d Protein

### RPCB1145

#### Protein Information

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<b>Size:</b>	10 µg , 20 µg , 50 µg , 100 µg	<b>Tag:</b>	C-hFc&His
<b>Reactivity:</b>	Human	<b>Expressed Host:</b>	HEK293 cells
<b>Calculated MW:</b>	74.51 kDa	<b>Observed MW:</b>	100-110 kDa

#### Background

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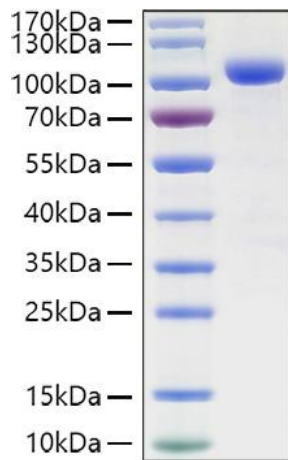
Leukocyte immunoglobulin-like receptor subfamily B member 2 (LILRB2) is also known as CD85 antigen-like family member D (CD85d), Immunoglobulin-like transcript 4 (ILT-4), Monocyte / macrophage immunoglobulin-like receptor 10 (MIR-10), which is a member of the the subfamily B class of LIR receptors. Multiple transcript variants encoding different isoforms have been found for the ILT4 gene. ILT4 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.

#### Properties

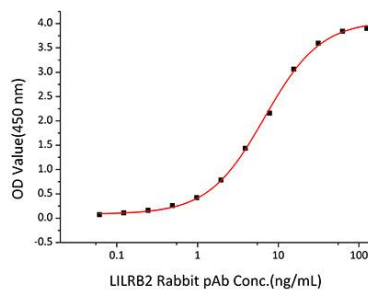
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<b>Synonyms:</b>	LILRB2, CD85D, ILT-4, ILT4, LIR-2, LIR2, MIR-10, MIR10
<b>Gene ID:</b>	10288
<b>Endotoxin:</b>	< 1 EU/µg of the protein by LAL method.
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Recombinant Human LILRB2/ILT-4/CD85d Protein (RPCB1145), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
<b>Purity:</b>	≥ 95 % as determined by SDS-PAGE.
<b>Storage:</b>	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

## Validation Data



Recombinant Human LILRB2/ILT-4/CD85d Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human LILRB2 Protein at 1µg/mL (100 µL/well) can bind LILRB2 Rabbit pAb with a linear range of 0.03-6.78 ng/mL.