

## RPCB1715

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**Product Information**

<b>Product SKU:</b>	RPCB1715	<b>Gene ID:</b>	14728	<b>Size:</b>	10µg
<b>Tag:</b>	C-6His	<b>Reactivity:</b>	Mouse		

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**Additional Information**

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	Q64281
<b>Purity:</b>	> 97% by SDS-PAGE.		

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**Protein Information**

**Background:** LILRB4 (Leukocyte Immunoglobulin Like Receptor B4) is a Protein Coding gene. This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The receptor 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. The receptor can also function in antigen capture and presentation. LILRB4 is believed to down-regulate activation signals mediated by non-receptor tyrosine kinase cascades through the recruitment of SHP-1. LILRB4 is associated with the pathological processes of various inflammatory diseases. The LILRB4 is a central inhibitory receptor in Uterine dendritic cells (uDCs) that plays essential immune-regulatory roles at the maternal-fetal interface.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Mouse LILRB4/ILT-3/CD85k Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <0.1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**Storage:** 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.

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