

## Recombinant Cynomolgus LILRB4 protein, His-tagged

Cat. No. LILRB4-6744C Lot. No. (See product label)

| SPECIFICATION    |   |
|------------------|---|
| Product Overview | Recombinant Cynomolgus LILRB4 protein(XP_015297198.1)(Gln22-Glu259), fused with C-terminal His tag, was expressed in HEK293.  |
| Species          | Cynomolgus  |
| Source           | HEK293  |
| ProteinLength    | Gln22-Glu259  |
| Tag              | C-His   |
| Form             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.  |
| Bio-activity     | Immobilized Cynomolgus LILRB4, His Tag at 5ug/ml (100ul/well) on the plate. Dose response curve for Anti-LILRB4 Antibody, hFc Tag with the EC50 of 16.7ng/ml determined by ELISA. |
| Molecular Mass   | The protein has a predicted MW of 27.2 kDa. Due to glycosylation, the protein migrates to 35-42 kDa based on Tris-Bis PAGE result.  |
| Endotoxin        | Less than 1EU per μg by the LAL method.   |
| Purity           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC  |

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| Storage        | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                           |
|----------------|--|
| Reconstitution | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.        |
| Tris-Bis PAGE  | MK R 140KD 115KD 80KD 70KD 40KD 30KD 25KD 15KD   |
| ELISA Data     | Cynomolgus LILRB4, His Tag ELISA 0.5µg Cynomolgus LILRB4, His Tag Per Well  2.5  2.0  1.5  0.0  -6  -5  -4  -3  -2  Log Anti-LILRB4 Antibody, hFc Tag Conc.(µg/ml) |

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