

Recombinant Human/Cynomolgus/Rhesus macaque ROR1 protein, hFc-tagged

Cat. No. ROR1-183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human/Cynomolgus/Rhesus macaque ROR1 protein(Q01973-1)(Gln30-Glu403), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human/Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	Gln30-Glu403
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human/Cynomolgus/Rhesus macaque ROR1, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-ROR1 Antibody, hFc Tag with the EC50 of 27.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 68.8 kDa. Due to glycosylation, the protein migrates to 80-100 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.

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