

Active Recombinant Human/Cynomolgus ERBB4 protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. ERBB4-1621H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human/Cynomolgus ERBB4 protein(Q15303-1(Human) / A0A2K5W0D7(Cynomolgus))(26-651 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human/Cynomolgus
Source	HEK293
ProteinLength	26-651 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human/Cynomolgus Her4, His Tag at 2µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human NRG1 Beta 1, hFc Tag with the EC50 of 8.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 72.7 kDa. Due to glycosylation, the protein migrates to 75-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.

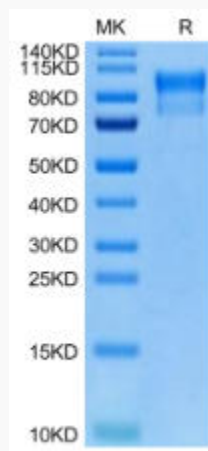
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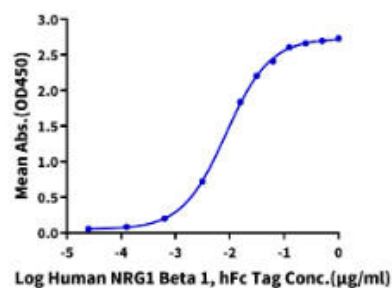
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	ERBB4 v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) [Homo sapiens]
Official Symbol	ERBB4
Synonyms	ERBB4; v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian); v erb a avian erythroblastic leukemia viral oncogene homolog like 4; receptor tyrosine-protein kinase erbB-4; proto-oncogene-like protein c-ErbB-4; tyrosine kinase-type cell surface receptor HER4; avian erythroblastic leukemia viral (v-erb-b2) oncogene homolog 4; HER4; p180erbB4; MGC138404;
Gene ID	2066
mRNA Refseq	NM_001042599
Protein Refseq	NP_001036064
MIM	600543
UniProt ID	Q15303

Bis-Tris PAGE



ELISA Data

Biotinylated Human/Cynomolgus Her4, His Avi Tag ELISA
0.2µg Biotinylated Human/Cynomolgus Her4, His Avi Tag Per Well



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