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Product Datasheet

Human IL-4 BYT-ORB3002348

Article Name	Human IL-4
Biozol Catalog Number	BYT-ORB3002348
Supplier Catalog Number	orb3002348
Alternative Catalog Number	BYT-ORB3002348-10,BYT-ORB3002348-50,BYT-ORB3002348-500,BYT-ORB3002348-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant Human Interleukin-4 is produced by our Mammalian expression system and the target gene encoding His25-Ser153 is expressed with a human IgG1 Fc tag at the C-terminus....
Molecular Weight	Predicted: 41.9 KDa. Observed: 40-55 KDa, reducing conditions
UniProt	P05112
Purity	SDS-PAGE: Greater than 95% as determined by reducing SDS-PAGE.. SEC-HPLC: Greater than 95% as determined by SEC-HPLC. (QC verified)
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Application Notes

Biological Activity: BLI: Loaded Cynomolgus IL-4RA-His(Catorb2994860) on HIS1K Biosensor, can bind Human IL-4-Fc(Catorb3002348) with an affinity constant of -3 nM as determined in BLI assay. Loaded Human IL-4RA-His(Catorb2994200) on HIS1K Biosensor, can bind Human IL-4-Fc(Catorb3002348) with an affinity constant of -3 nM as determined in BLI assay. . ELISA: Immobilized Human IL-4-Fc(Catorb3002348) at $5\mu\text{g/ml}$ ($100\ \mu\text{l/well}$) can bind Cynomolgus IL-4Ra-His (Catorb2994860).The ED50 of Recombinant Human IL-4Ra-His (Catorb2994860) is $79.49\ \text{ng/ml}$