

Product Datasheet

Human IL-7 R alpha / CD127 Protein (orb402998)

Description	Human IL-7 R alpha, Mouse IgG2a Fc Tag is expressed from human 293 cells (HEK293). It contains AA Glu 21 - Gly 236 (Accession # P16871-1 (I66T,V138I)).
Reactivity	Human
Endotoxins	1.0 EU per µg
Conjugation	Unconjugated
Target	IL-7 R alpha
Preservatives	Tris with Glycine, Arginine and NaCl, pH7.5
Form/Appearance	Powder
Storage	-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Tag	C-mFc(mIgG2a)
Note	For research use only
Application notes	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 52.0 kDa. The protein migrates as 75-95 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Biologically Active?	Yes
Biological Activity	Captured Human IL-7 R alpha, Mouse IgG2a Fc Tag on CM5 chip via anti-mouse antibodies surface can bind Human IL-7, Tag Free with an affinity constant of 13.3 nM as determined in a SPR assay (Biacore T200) (Routinely tested).
Purity	90%

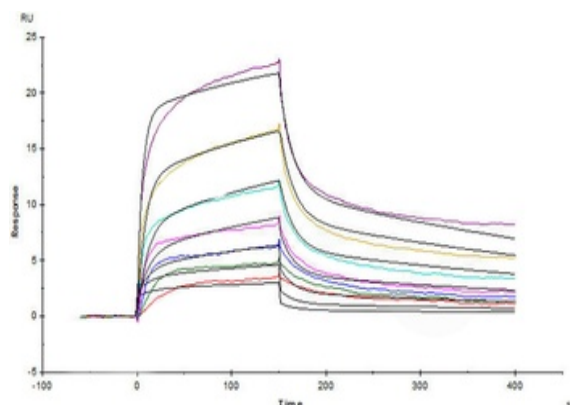
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Source	Human IL-7 R alpha, Mouse IgG2a Fc Tag (orb402998) is expressed from human 293 cells (HEK293). It contains AA Glu 21 - Gly 236 (Accession # P16871-1 (I66T,V138I)).
MW	52.0 kDa
Uniprot ID	P16871
Expiration Date	6 months from date of receipt.



Captured Human IL-7 R alpha, Mouse IgG2a Fc Tag (Cat. No. orb402998) on CM5 chip via anti-mouse antibodies surface can bind ActiveMax® Human IL-7, Tag Free (Cat. No. orb257603) with an affinity constant of 13.3 nM as determined in a SPR assay (Biacore T200) (Routinely tested).

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