

Product Datasheet

Human IL-4 RA (orb2994735)

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| Catalog Number | orb2994735 |
| Category | Proteins |
| Description | Recombinant Human Interleukin-4 Receptor Subunit Alpha is produced by our Mammalian expression system and the target gene encoding Met26-Gln231 is expressed with a mouse IgG1 Fc tag at the C-terminus. |
| Conjugation | Unconjugated |
| Tag | C-mFc |
| Form/Appearance | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
| Reconstitution | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Purity | SDS-PAGE: Greater than 95% as determined by reducing SDS-PAGE. |
| UniProt ID | P24394 |
| MW | Predicted: 50.2 KDa. Observed: 65-86 KDa, reducing conditions |
| Expression System | Human Cells |
| Endotoxins | 1 EU/µg as determined by LAL test. |
| Biological Origin | Human |
| Biological Activity | BLI: Loaded Human IL-4-His(Cat#orb3002435) on HIS1K Biosensor, can bind Human IL-4RA-mFc(Cat#orb2994735) with an affinity constant of 0.12 nM as determined in BLI assay. |

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|--------------------------|--|
| Expression Region | Met26-Gln231 |
| Storage | Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months. |
| Note | For research use only |
| Expiration Date | 6 months from date of receipt. |

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