



Recombinant Protein Technical Manual
Recombinant Mouse IL4RA/CD124 Protein (Fc Tag)
RPES2364

Product Data:

Product SKU: RPES2364

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: P16382

Protein Information:

Molecular Mass: 51.5 kDa

AP Molecular Mass: 65-80 kDa

Tag: C-Fc

Bio-activity:

Purity: > 90% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Interleukin-4 receptor subunit alpha;IL-4R-alpha;CD124;IL4-BP;Soluble IL-4R-alpha; IL-4RA; IL4RA

Immunogen Information:

Sequence: Ile26-Arg233

Background:

is a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. Lipoamide dehydrogenase is a component of the glycine cleavage system as well as of the alpha-ketoacid dehydrogenase complexes. DLD exists as a homodimer. DLD is involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction. Mutations in its encoding gene have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency.