

## Recombinant Mouse IL4RA/CD124 Protein (Fc Tag)

Catalog No. PKSM041368

### Description

<b>Synonyms</b>	Interleukin-4 receptor subunit alpha, IL-4R-alpha, CD124, IL4-BP, Soluble IL-4R-alpha, IL-4RA, IL4RA
<b>Species</b>	Mouse
<b>Expression_host</b>	HEK293 Cells
<b>Sequence</b>	Ile26-Arg233
<b>Accession</b>	P16382
<b>Mol_Mass</b>	51.5 kDa
<b>AP_Mol_Mass</b>	65-80 kDa
<b>Tag</b>	C-Fc
<b>Bio_activity</b>	Testing in progress

### Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### 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.

## SDS-PAGE

