

Recombinant Mouse IL4RA/CD124 Protein (Fc Tag)

Catalog No. PKSM041368

Note: Centrifuge before opening to ensure complete recovery of vial contents.

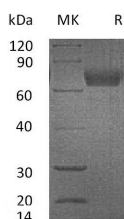
Description

Synonyms	Interleukin-4 receptor subunit alpha;IL-4R-alpha;CD124;IL4-BP;Soluble IL-4R-alpha;IL-4RA;IL4RA
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Ile26-Arg233
Accession	P16382
Calculated Molecular Weight	51.5 kDa
Observed molecular weight	65-80 kDa
Tag	C-Fc
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
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, pH 7.4. 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.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

is a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. Lipoamide dehydrogenase is a component

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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.