

IL-4Rα (C-Fc), Mouse, Recombinant

Cat. No. : PCK245

General Information

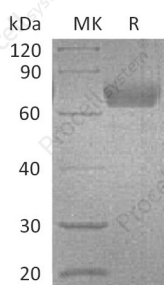
Synonyms	Dihydrolipoyl dehydrogenase (DLD);also called Dihydrolipoamide dehydrogenase;Glycine cleavage system L Protein;GCSL;LAD and PHE3;
Species	Mouse
Expression host	Human Cells
Sequence	Ile26-Arg233
Accession	P16382
Mol mass	51.5 kDa
Expiration date	12 months
Bio activity	Immobilized Mouse IL-4RA-Fc at 2 µg/mL (100 µL/well) can bind Mouse IL-4-His. The ED50 of Mouse IL-4-His is 4.32 ng/mL.

Product feature

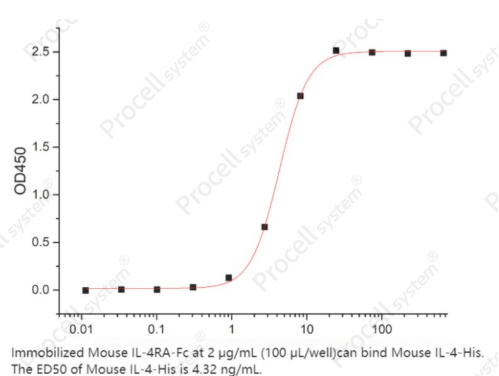
Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/µg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	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 100 µg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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

Bio activity

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