

Recombinant Full Length Mouse Interleukin-4 Receptor Subunit Alpha(IL4R) Protein, His-Tagged

Cat. No. RFL13636MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Interleukin-4 receptor subunit alpha(IL4r) Protein (P16382) (26-810aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-810)
Form	Lyophilized powder
AA Sequence	<p>IKVLGEPTCFSDYIRTSTCEWFLDSA VDCSSQLCLHYRLMFFEFSEN LTCIPRNSAST VVCVCHMEMNRPVQSDRYQMELWAEHRQLWQGSFSPSGNVKPLAPDNLTLHTNVS DEWLLTWNNLYPSNNLLYKDLISMVNISREDNPAEFIVYNVTYKEPRLSFPINILMSGV YYTARVRVRSQILTGTWSEWSPSITWYNHFQLPLIQRLPLGVTISCLCIPLFCFCYFS ITKIKKIWWDQIPTPARSPLVAVIIIQDAQVPLWDKQTRSQUESTKYPHWKTCLDKLLPCL LKHRVKKKTDFPKAAPT KSLQSPGKAGWCPMEVSRTVLWPENVS SVSVVRCMELFE APVQNVEEEEDEIVKEDLSMSPENSGGCGFQESQADIMARLTENLFSDDLLEAENGG LGQSALAECSPLPSGSGQASVSWACLPMGPSEEATCQVTEQP SHPGPLSGSPAQ SAPTLACTQVPLVLADNPAYRSFSDCCSPAPNPGELAPEQQQADHLEEEPPSPAD PHSSGPPMQPVESWEQILHMSVLQHGAAGSTPAPAGGYQEFVQAVKQGAAQDP GVPGVRPSGDPGYKAFSSLLSSNGIRGDTAAAGTDDGHGGYKPFQNPV PNQSPSS VPLFTFGLDTELSPLNSDPPKSPPECLGLELGLKGGDWVKAPPPADQVPKPFGD</p>

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DLGFGIVYSSLTCHLCGHLKQHHSQEEGGQSPIVASPGCGCCYDDRSPSLGSLSGA
LESCPEGIPPEANLMSAPKTPSNLSGEGKGPVPSQTTEVPVVGALGIAVS

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Il4r

Synonyms Il4r; Il4ra; Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD antigen CD124

UniProt ID [P16382](#)

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