

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

Cat. No. RFL28517HF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Interleukin-4 receptor subunit alpha(IL4R) Protein (P24394) (26-825aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length of Mature Protein (26-825)

Form

Lyophilized powder

AA Sequence

MKVLQEPTCVSDYMSISTCEWKMNPTNCSTELRLLYQLVFLLEAHTCIPENNGG
 AGCVCHLLMDDVVSADNYTLDLWAGQQLLWKGSEHKPSEHVKPRAPGNLTVHTNVS
 DTLTLLTWSNPYPDPNYLYNHLTYAVNIWSENDPADFRIYNVTYLEPSLRIAASTLKSGI
 SYRARVRAWAQCYNNTTWSEWSPSTKWHNSYREPFEQHLLLGVSVCIVILAVCLLC
 YVSITKIKKEWWDQIPNPARSRLVAVIIQDAQGSQWEKRSRGQEPKCPHWKNCLTK
 LLPCFLEHNMKRDEDPHKAAKEMPFQSGKSAWCPVEISKTVLWPESISVVRCEL
 FEAPVECEEEEEVEEEKGSFCASPESSRDDFQEGREGIVARLTESLFLDLLGEENG
 GFCQQDMGESCLLPPSGSTSAHMPWDEFPSAGPKEAPPWGKEQLHLEPSPAS
 PTQSPDNLTCTETPLVIAGNPAYRSFSNSLSQSPCPRELGPDLLARHLEVEPEMP
 CVPQLSEPTTVPQPEPETWEQILRRNVLQHGAAAAPVSAPTSQYQEFVHAVEQGGT
 QASAVVGLGPPGEAGYKAFSSLLASSAVSPEKCGFGASSGEEGYKPFQDLIPGCPG
 DPAPVPVPLFTFGLDREPPRSPQSSHLPSSSPEHLGLEPGEKVEDMPKPPLPQEQA

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

TDPLVDSLGSIVYSALTCHLCGHLKQCHGQEDGGQTPVMASPCCGCCCGDRSSP
 PTTPLRAPDPSPGGVPLEASLCPASLAPSGISEKSKSSSSSFHPAPGNAQSSSQTPKI
 VNFVSVGPTYMRVS

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 mutiple 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; 582J2.1; Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD antigen CD124

UniProt ID [P24394](https://www.uniprot.org/entry/P24394)

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