

Recombinant Pig IL4R Protein (33-240 aa), His-tagged

Cat. No. IL4R-2388P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig IL4R Protein (33-240 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
Species	Pig
Source	E.coli
ProteinLength	33-240 aa
Description	Receptor for both interleukin 4 and interleukin 13. Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	28.2 kDa
AA Sequence	VRVLEWPICLSDYVSTSTCEWRMAGPVNCSAEFRLSYQLKFFNTENHTTCVPENRA GSVCVCHMLMESIVVDITYQLDLWAGEQLLWNSSFKPSQNVKPLAPRNLMVHANIS HTWLLTWSNPYPSESYLYSELTYLVNISNENDPTDFRIYNVTYLGPTLRFPANTLKSG AAYSARVKAWAQRYNSTWSEWSPSVKWLNYEPELQQR

 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

Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

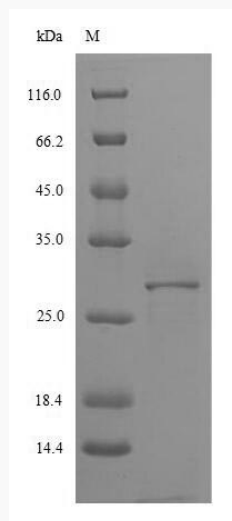
GENE INFORMATION

Gene Name	IL4R interleukin 4 receptor [<i>Sus scrofa</i>]
Official Symbol	IL4R
Synonyms	IL4R; interleukin 4 receptor; IL-4RA; IL-4R-alpha; IL-4R subunit alpha;
Gene ID	397614
mRNA Refseq	NM_214340
Protein Refseq	NP_999505
UniProt ID	Q863Z5

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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