

Product datasheet for **TP727071**

IL4R Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-4 Receptor Subunit Alpha/IL-4 R α (C-mFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met26-Gln231
Tag:	C-mFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human Interleukin-4 Receptor Subunit Alpha is produced by our Mammalian expression system and the target gene encoding Met26-Gln231 is expressed with a mFc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3566
UniProt ID:	P24394
Summary:	Interleukin 4 Receptor alpha (IL4-Ra) is a widely expressed 140 kDa transmembrane glycoprotein in the class I cytokine receptor family. Mature human IL4-Ra consists of a 207 amino acid (aa) extracellular domain (ECD) that contains a cytokine binding region and one fibronectin type III domain, a 24 aa transmembrane segment, and a 569 aa cytoplasmic domain that contains one Box 1 motif and one ITIM motif. IL4-Ra plays an important role in Th2-biased immune responses, alternative macrophage activation, mucosal immunity, allergic inflammation, tumor progression, and atherogenesis. Soluble forms of IL4-Ra, generated by alternate splicing or proteolysis, retain ligand binding properties and inhibit IL-4 bioactivity. IL4-Ra is a component of two distinct receptor complexes and shows species selectivity between human and mouse.



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