

Product Datasheet

Human IL4R protein (orb594782)

Catalog Number	orb594782
Category	Proteins
Description	This Human IL4R protein spans the amino acid sequence from region 26-231aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	C-terminal Fc-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered 1xPBS, pH 7.4
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	MKVLQEPTCVSDYMSISTCEWKMNPTNCSTELRLLYQLVFLSEAHTCIPENGGAGCVC HLLMDDVVSADNYTLDLWAGQQLLWKGFSFKPSEHVKPRAPGNLTVHTNVSDTLLLTWSN PYPPDNYLYNHLTYAVNIWSENDPADFRIVNTYLEPSLRIAASTLKSGISYRARVRAWAQC NTTWSEWSPSTKWHNSYREPFEQ
Protein Length	Extracellular Domain
UniProt ID	P24394
MW	50.2 kDa
Application notes	Extracellular Domain
Endotoxins	Less than 1.0 EU/µg as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)

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Biological Activity

①The ED50 as determined by its ability to inhibit IL-4-dependent proliferation of TF-1 human erythroleukemic cells is 5-20 ng/ml.②Measured by its binding ability in a functional ELISA. Immobilized Human IL-4 RA-Fc at 5µg/ml can bind Human IL-4 (Biotinylated by NHS-biotin prior to testing), the ED50 of Human IL-4 is 2.43 ng/ml.

Expression Region

26-231aa

Storage

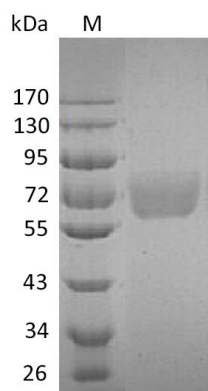
The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Note

For research use only

Expiration Date

6 months from date of receipt.



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

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