

Recombinant Dog Interleukin-4(IL4)

Catalog No: #AP70442

Package Size: #AP70442-1 20ug #AP70442-2 100ug #AP70442-3 1mg

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Description

Product Name	Recombinant Dog Interleukin-4(IL4)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-132aaSequence Info:Full Length
Other Names	B-cell stimulatory factor 1 ;BSF-1Lymphocyte stimulatory factor 1
Accession No.	O77762
Calculated MW	16.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	HNFNITIKEIIKMLNILTARNDSCELTVDVFTAPKNTSDKEIFCRAATVLRQIYTHNCSNRYLRGLYRNLSMA NKTCMNEIKKSTLKDFLERLKVIMQKKYYRH
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes .

References

Molecular cloning, expression and characterization of the Canis familiaris interleukin-4.Wondimu A., Veit M., Kohn B., Kaul S., Hoffmann A., Brunnberg L., Schmidt M.F.Cytokine 16:88-92(2001)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.