abcam

Product datasheet

Recombinant Human IRF5 protein ab114295

1 图像

概述

产品名称	重组人IRF5蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Wheat germ

氨基酸序列

Accession	Q13568
种属	Human
序列	MNQSIPVAPTPPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFCIPWRHA TRHGPSQDGDNTIFKAWAKETGKYTEGVDEADPAKWKANLRCALNKSRDF RLIYDGPRDMPPQPYKIYEVCSNGPAPTDSQPPEDYSFGAGEEEEEEEEL QRMLPSLSLTEDVKWPPTLQPPTLRPPTLQPPTLQPPVVLGPPAPDPSPL APPPGNPAGFRELLSEVLEPGPLPASLPPAGEQLLPDLLISPHMLPLTDL EIKFQYRGRPPRALTISNPHGCRLFYSQLEATQEQVELFGPISLEQVRFP SPEDIPSDKQRFYTNQLLDVLDRGLILQLQGQDLYAIRLCQCKVFWSGPC ASAHDSCPNPIQREVKTKLFSLEHFLNELILFQKGQTNTPPPFEIFFCFG EEWPDRKPREKKLITVQVVPVAARLLLEMFSGELSWSADSIRLQISNPDL KDRMVEQFKELHHIWQSQQRLQPVAQAPPGAGLGVGQGPWPMHPAGMQ
分子量	81 kDa including tags
氨基酸	1 to 498

技术指标

Our Abpromise guarantee covers the use of **ab114295** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
	ELISA
	Western blot
形式	Liquid

补充说明

Protein concentration is above or equal to 0.05 mg/ml.
Best used within three months from the date of receipt.

制备和贮存

稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles.

pH: 8.00
Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

疾病相关

Genetic variations in IRF5 are associated with susceptibility to inflammatory bowel disease type 14 (IBD14) [MIM:612245]. IBD14 is a chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology. It is subdivided into Crohn disease and ulcerative colitis phenotypes. Crohn disease may affect any part of the gastrointestinal tract from the mouth to the anus, but most frequently it involves the terminal ileum and colon. Bowel inflammation is transmural and discontinuous; it may contain granulomas or be associated with intestinal or perianal fistulas. In contrast, in ulcerative colitis, the inflammation is continuous and limited to rectal and colonic mucosal layers; fistulas and granulomas are not observed. Both diseases include extraintestinal inflammation of the skin, eyes, or joints.
Genetic variations in IRF5 are associated with susceptibility to systemic lupus erythematosus type 10 (SLEB10) [MIM:612251]. Systemic lupus erythematosus (SLE) is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.
Genetic variations in IRF5 are a cause of susceptibility to rheumatoid arthritis (RA) [MIM:180300]. It is a systemic inflammatory disease with autoimmune features and a complex genetic component. It primarily affects the joints and is characterized by inflammatory changes in the synovial membranes and articular structures, widespread fibrinoid degeneration of the collagen fibers in mesenchymal tissues, and by atrophy and rarefaction of bony structures.

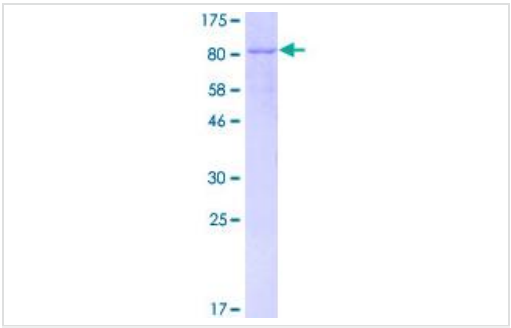
序列相似性

Belongs to the IRF family.
Contains 1 IRF tryptophan pentad repeat DNA-binding domain.

细胞定位

Nucleus.

图片



SDS-PAGE - IRF5 protein (ab114295)

12.5% SDS-PAGE image showing ab114295 at approx 80.89 kDa. Stained with Coomassie Blue.

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