

Product Information

Anti-Human TNF alpha Protein A scaffold

Cat. No.: **AFB-11LY**

This product is for research use only and is not intended for diagnostic use.

Antigen Description

Genetic variations in TNF are a cause of susceptibility psoriatic arthritis (PSORAS). PSORAS is an inflammatory, seronegative arthritis associated with psoriasis. It is a heterogeneous disorder ranging from a mild, non-destructive disease to a severe, progressive, erosive arthropathy. Five types of psoriatic arthritis have been defined: asymmetrical oligoarthritis characterized by primary involvement of the small joints of the fingers or toes; asymmetrical arthritis which involves the joints of the extremities; symmetrical polyarthritis characterized by a rheumatoidlike pattern that can involve hands, wrists, ankles, and feet; arthritis mutilans, which is a rare but deforming and destructive condition; arthritis of the sacroiliac joints and spine (psoriatic spondylitis).

Specific Activity

This product recognises TNF alpha.

Source

Display library

Species Reactivity

Human

Expression Host

E. coli

Storage

Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[INS insulin \[Homo sapiens \]](#)

Official Symbol

INS

Synonyms

INS; insulin; ILPR; IRDN; IDDM2; MODY10; IN; proinsulin; Insulin B chain; Insulin A chain; OTTHUMP00000011161; OTTHUMP00000011162; OTTHUMP00000196036; OTTHUMP00000196038; OTTHUMP00000217519

Gene ID

[3630](#)

mRNA Refseq

[NM_000594](#)

Protein Refseq

[NP_000585](#)

MIM

[191160](#)

UniProt ID

P01375

Chromosome Location

6p21.3

Pathway

Adipocytokine signaling pathway; Amoebiasis; African trypanosomiasis; Allograft rejection; Angiopoietin receptor Tie2-mediated signaling; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Death Receptor Signalling; Extrinsic Pathway for Apoptosis; FAS pathway and Stress induction of HSP regulation; Graft-versus-host disease; HIV-1 Nef: Negative effector of Fas and TNF-alpha; Hematopoietic cell lineage; IL23-mediated signaling events; MAPK signaling pathway; NOD-like receptor signaling pathway; Osteoclast differentiation; Pertussis; RIG-I-like receptor signaling pathway; SIDS Susceptibility Pathways; T cell receptor signaling pathway; TNF receptor signaling pathway; Toll-like receptor signaling pathway; Type I diabetes mellitus; amb2 Integrin signaling.

Function

Cytokine activity; identical protein binding; protease binding; protein binding; transcription regulatory region DNA binding; tumor necrosis factor receptor binding.