



Human IRF6 peptide (DAG-P0648)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2011]
Specificity	Expressed in normal mammary epithelial cells. Expression is reduced or absent in breast carcinomas.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the IRF family.Contains 1 IRF tryptophan pentad repeat DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	IRF6 interferon regulatory factor 6 [Homo sapiens (human)]
Official Symbol	IRF6
Synonyms	IRF6; interferon regulatory factor 6; LPS; PIT; PPS; VWS; OFC6; PPS1; VWS1;
Entrez Gene ID	3664

mRNA Refseq	NM_001206696.1
Protein Refseq	NP_001193625.1
UniProt ID	O14896
Chromosome Location	1q32.3-q41
Pathway	Apoptosis, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific biosystem;
Function	DNA binding; protein binding; regulatory region DNA binding; sequence-specific DNA binding transcription factor activity;