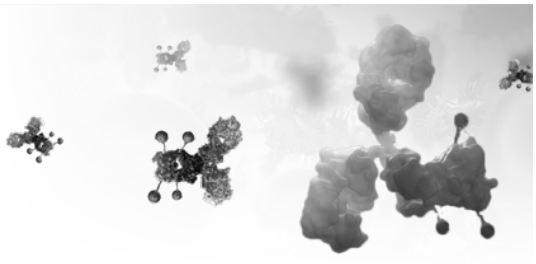

Human ISG15 peptide (DAG-P0582)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted. [provided by RefSeq, Dec 2012]
Specificity	Detected in lymphoid cells, striated and smooth muscle, several epithelia and neurons.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 ubiquitin-like domains.
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. Information available upon request.

GENE INFORMATION

Gene Name	ISG15 ISG15 ubiquitin-like modifier [Homo sapiens (human)]
Official Symbol	ISG15
Synonyms	ISG15; ISG15 ubiquitin-like modifier; G1P2; IP17; UCRP; IFI15; hUCRP; ubiquitin-like protein ISG15; ubiquitin cross-reactive protein; interferon-stimulated protein, 15 kDa; interferon-induced 17-kDa/15-kDa protein; interferon, alpha-inducible protein (clone IFI-15K);

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Entrez Gene ID	9636
mRNA Refseq	NM_005101.3
Protein Refseq	NP_005092.1
UniProt ID	P05161
Chromosome Location	1p36.33
Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; ISG15 antiviral mechanism, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem; Negative regulators of RIG-I/MDA5 signaling, organism-specific biosystem; RIG-I-like receptor si
Function	protein binding; protein tag;

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