



Human EIF4G3 peptide (DAG-P0433)

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

PRODUCT INFORMATION

Antigen Description	Probable component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome. Thought to be a functional homolog of EIF4G1.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the eukaryotic initiation factor 4G family. Contains 5 HEAT repeats. Contains 1 MI domain. Contains 1 MIF4G domain. Contains 1 W2 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. Information available upon request.

GENE INFORMATION

Gene Name	EIF4G3 eukaryotic translation initiation factor 4 gamma, 3 [Homo sapiens (human)]
Official Symbol	EIF4G3
Synonyms	EIF4G3; eukaryotic translation initiation factor 4 gamma, 3; eIF4G 3; eIF4GII; eIF-4G 3; eukaryotic translation initiation factor 4 gamma 3; eIF-4-gamma 3; eIF-4-gamma II;
Entrez Gene ID	8672
mRNA Refseq	NM_001198801.1
Protein Refseq	NP_001185730.1
UniProt ID	Q504Z1

Chromosome Location	1p36.12
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; Interferon Signaling, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Translation Factors, organism-specific biosystem; Viral myocarditis, organism-specific biosystem; eIF4F complex, organism-specifi
Function	RNA cap binding; poly(A) RNA binding; translation factor activity, nucleic acid binding; translation initiation factor activity;