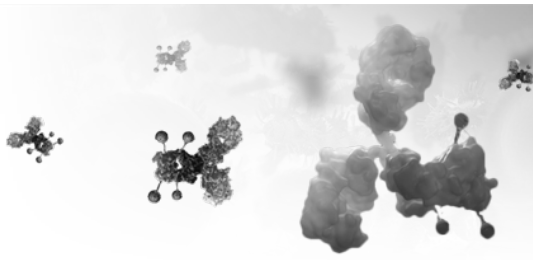

Human ELAVL1 peptide (DAG-P1697)

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 member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3 untranslated regions of mRNAs. AREs signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy. [provided by RefSeq, Sep 2012]
Specificity	Ubiquitous.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the RRM elav family.Contains 3 RRM (RNA recognition motif) 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	ELAVL1 ELAV like RNA binding protein 1 [Homo sapiens (human)]
Official Symbol	ELAVL1
Synonyms	ELAVL1; ELAV like RNA binding protein 1; HUR; Hua; MelG; ELAV1; ELAV-like protein 1; Hu antigen R; hu-antigen R; embryonic lethal, abnormal vision, drosophila, homolog-like 1; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R);

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Entrez Gene ID	1994
mRNA Refseq	NM_001419.2
Protein Refseq	NP_001410.2
UniProt ID	Q15717
Chromosome Location	19p13.2
Pathway	AMPK signaling, organism-specific biosystem; Gene Expression, organism-specific biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem; Stabilization of mRNA by HuR, organism-specific biosystem;
Function	AU-rich element binding; RNA binding; double-stranded RNA binding; mRNA 3-UTR AU-rich region binding; mRNA 3-UTR binding; mRNA binding; nucleotide binding; poly(A) RNA binding; protein binding; protein kinase binding;

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