



## Mouse HES5 peptide (DAG-P0621)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	Transcriptional repressor of genes that require a bHLH protein for their transcription.
<b>Specificity</b>	Expressed in fetal heart and brain tumors.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 1 basic helix-loop-helix (bHLH) domain.Contains 1 Orange domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">Hes5 hairy and enhancer of split 5 (Drosophila) [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	HES5
<b>Synonyms</b>	HES5; hairy and enhancer of split 5 (Drosophila); bHLHb38; transcription factor HES-5;
<b>Entrez Gene ID</b>	<a href="#">15208</a>
<b>mRNA Refseq</b>	<a href="#">NM_010419.4</a>
<b>Protein Refseq</b>	<a href="#">NP_034549.1</a>
<b>UniProt ID</b>	P70120

<b>Chromosome Location</b>	4 E2; 4 86.01 cM
<b>Pathway</b>	Delta-Notch Signaling Pathway, organism-specific biosystem; NOTCH2 intracellular domain regulates transcription, organism-specific biosystem; Notch Signaling Pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem; SIDS Susceptibility Pathways, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem; Signaling by NOTCH2, organism-specific biosyst
<b>Function</b>	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; chromatin binding; double-stranded DNA binding; protein binding; protein dimerizatio