



# Human FOXK1 peptide (DAG-P0502)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Transcriptional regulator that binds to the upstream enhancer region (CCAC box) of myoglobin gene. Has a role in myogenic differentiation and in remodeling processes of adult muscles that occur in response to physiological stimuli.
<b>Specificity</b>	Expressed both developing and adult tissues. In adults, significant expression is seen in tumors of the brain, colon and lymph node.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 1 FHA domain.Contains 1 fork-head DNA-binding 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="#">FOXK1 forkhead box K1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FOXK1
<b>Synonyms</b>	FOXK1; forkhead box K1; FOXK1L; forkhead box protein K1; MNF; myocyte nuclear factor;
<b>Entrez Gene ID</b>	<a href="#">221937</a>
<b>mRNA Refseq</b>	<a href="#">NM_001037165.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001032242.1</a>

<b>UniProt ID</b>	P85037
<b>Chromosome Location</b>	7p22.1
<b>Function</b>	DNA binding, bending; magnesium ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;