



Human FOXK1 peptide (DAG-P0502)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	Expressed both developing and adult tissues. In adults, significant expression is seen in tumors of the brain, colon and lymph node.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 FHA domain. Contains 1 fork-head DNA-binding 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	FOXK1 forkhead box K1 [Homo sapiens (human)]
Official Symbol	FOXK1
Synonyms	FOXK1; forkhead box K1; FOXK1L; forkhead box protein K1; MNF; myocyte nuclear factor;
Entrez Gene ID	221937
mRNA Refseq	NM_001037165.1
Protein Refseq	NP_001032242.1

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