



Mouse POU3F3 peptide (DAG-P1063)

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

PRODUCT INFORMATION

Antigen Description	Transcription factor that acts synergistically with SOX11 and SOX4. Plays a role in neuronal development. Is implicated in an enhancer activity at the embryonic met-mesencephalic junction; the enhancer element contains the octamer motif (5'-ATTGTCAT-3').
Specificity	Brain.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the POU transcription factor family. Class-3 subfamily. Contains 1 homeobox DNA-binding domain. Contains 1 POU-specific 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	Pou3f3 POU domain, class 3, transcription factor 3 [Mus musculus (house mouse)]
Official Symbol	POU3F3
Synonyms	POU3F3; POU domain, class 3, transcription factor 3; Brn1; Otf8; Brn-1; Skin1; OTF-8; oct-8; brain-1; octamer-binding protein 8; octamer-binding transcription factor 8; brain-specific homeobox/POU domain protein 1;
Entrez Gene ID	18993

mRNA Refseq	NM_008900.2
Protein Refseq	NP_032926.2
UniProt ID	P31361
Chromosome Location	1 B; 1 21.21 cM
Function	DNA binding; HMG box domain binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;