Product datasheet for TP506267

Hoxa10 (NM_008263) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse homeobox A10 (Hoxa10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206267 representing NM_008263 Red=Cloning site Green=Tags(s) MSARKGYLLPSPNYPTTMSCSESPAANSFLVDSLISSGRGEAGVGGGSAGGGGGGYYAHGGVYLPPASDL PYGLQSCGLFPALGSKRNEAPSPGGGGGGGGSGGLGPGTHGYAPAPLDLWLDAPRSCRMEPPDGPPPPQPQ PQQQQQQQPPPPPPQPPQPQPQATSCSFAQNIKEESSYCLYDAADKCPKGSAAADLAPFPRGPPPDGCALG ASSGVPVPGYFRLSQAYGTAKGFGSGGGGTQQLASPFPAQPPGRGFDPPPALASGSTEAAGKERVLDSTP PPTLVCTGGGGSQGDEEAHASSSAAEELSPAPSENSKASPEKDSLGSSKGENAANWLTAKSGRKKRCPYT KHQTLELEKEFLFNMYLTRERRLEISRSVHLTDRQVKIWFQNRRMKLKKMNRENRIRELTANFNFS SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	43.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032289
Locus ID:	15395
UniProt ID:	P31310

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RefSeq Size:	2581
Cytogenetics:	6 25.4 cM
RefSeq ORF:	1248
Synonyms:	Hox-1.8; Hoxa-10
Summary:	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of a cluster on chromosome 6 and encodes a DNA-binding transcription factor that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]