

## Product datasheet for **TP503609**

### Hoxa9 (NM\_010456) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse homeobox A9 (Hoxa9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203609 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MATTGALGNYYVDSFLLGADADELGAGRYAPGTLGQPPRQAAAALAEHPDFSPCSFQSKAAVFGASWNPV  
HAAGANAVPAAVYHHHHHPYVHPQAPVAAAAPDGRYMRSWLETPGALSFAGLPSSRPYGIKPEPLSARR  
GDCPTLDTHLSLTDYACGSPVDREKQPSEGAFFSENNAENESGGDKPPIDPNNPAANWLHARSTRKKRC  
PYTKHQTLELEKEFLFNMYLTRDRRYEVARLLNLTERQVKIWFQNRMMKMKKINKDRAKDE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	29.9 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:	<a href="#">NP_034586</a>
Locus ID:	15405
UniProt ID:	<a href="#">P09631</a>
RefSeq Size:	3229



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**Cytogenetics:** 6 25.4 cM

**RefSeq ORF:** 816

**Synonyms:** D6a; D6a9; Hox-1.; Hox-1.7

**Summary:** This gene is located in a cluster of developmentally and temporally regulated genes on chromosome 6 encoding proteins involved in pattern formation. These proteins contain a characteristic DNA-binding motif called a homeodomain and function in transcriptional regulation. There are four distinct clusters of similar genes on chromosomes 2, 6, 11, and 15. The protein encoded by this gene is important for hematopoiesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]