

Product datasheet for TP507154

Nasp (NM_001081475) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear autoantigenic sperm protein (histone-binding) (Nasp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207154 protein sequence Red =Cloning site Green =Tags(s)

MATESTAAAAIAAELVSADKIEDAPAPSTSADKMESLDVDSEAKLLGLGQKHLVMGDIPAAVNAFQEAA
SLLGKKYGETANECGEAFFFYGKSLLEARMENGVLGNALEGVHVEEEEGEKTEDESLVENNDNVDETEG
SEEDRENDKAEETPNESVLEKKSLENEEEEIGNLELAWDMLDLAKIIFKRQETKEAQLYAAQAHLKLG
EVSVESENYIQAVEEFQAQLSLQEYLEAHDRLLAETHYQLGLAYGYNSQYDEAVAQFGKSIDVIEKRMA
VLHEQMKEAEGSFTEYEKEIEELKELLPEIREKIEDAKESQRSGNVAELALKATLVESSTSGFTPSGAGA
SVSMIASRKPTDGASSSNCVTDISHLVRKKRKPPEEESPRKDDAKKAKQEPEVNGGSGDAVSSGKEVSENM
EAEENQAESQTAEGTVESAATIKSTAC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	48.8 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_001074944
Locus ID:	50927



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UniProt ID:	<u>Q99MD9, B1AU76</u>
RefSeq Size:	2118
Cytogenetics:	4 53.24 cM
RefSeq ORF:	1347
Synonyms:	5033430J04Rik; AI131596; AI317140; D4ErtD767e; Epcs32; Nasp-T
Summary:	Required for DNA replication, normal cell cycle progression and cell proliferation. Forms a cytoplasmic complex with HSP90 and linker H1 histones and stimulates HSP90 ATPase activity. NASP and H1 histone are subsequently released from the complex and translocate to the nucleus where the histone is released for binding to DNA.[UniProtKB/Swiss-Prot Function]