

Product datasheet for TP502322

Nabp2 (NM_027257) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nucleic acid binding protein 2 (Nabp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202322 protein sequence Red =Cloning site Green =Tags(s)
	 MTTETFVKDIKPLKLNLNLFIVLETGRVTKTKDGHEVRTCKVADKTGSINISVWDDVGNLIQPDIIRL TKGYASVFKGCLTYTGRGGDLQKIGEFMVEVPNFSEPNPEYNTQQAPNKSQVQNDNSPTAPQATTG PPAASPAENQNGNGLSTQLGPGVGGPHPSHTPSHPPSTRITRSQPNHTPSGPPGPSSNPVSNKETRRESS KR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	22.6 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_081533
Locus ID:	69917
UniProt ID:	Q8R2Y9
RefSeq Size:	1106



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Cytogenetics: 10 D3

RefSeq ORF: 639

Synonyms: 2610036N15Rik; Obfc2b; SSB1

Summary: Component of the SOSS complex, a multiprotein complex that functions downstream of the MRN complex to promote DNA repair and G2/M checkpoint. In the SOSS complex, acts as a sensor of single-stranded DNA that binds to single-stranded DNA, in particular to polypyrimidines. The SOSS complex associates with DNA lesions and influences diverse endpoints in the cellular DNA damage response including cell-cycle checkpoint activation, recombinational repair and maintenance of genomic stability. Required for efficient homologous recombination-dependent repair of double-strand breaks (DSBs) and ATM-dependent signaling pathways (By similarity).[UniProtKB/Swiss-Prot Function]