

Product datasheet for TP506909

Orc4 (NM_011958) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse origin recognition complex, subunit 4 (Orc4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206909 protein sequence Red =Cloning site Green =Tags(s)
	MSSRKTKSNAHAECLSQVQRILRERFCHHSPHSNLFVGVQVQYKHLIELLKRTAIYGESNSVLIVGPRGSG KTLLNHALKELMEIEVSENVIQVHLNGLLQTNEKIALKEITRQLNLDNVVEDKVFSGFAENLSFLLEAL QKGDRTSSCPVIFILDEFDIFAHQKNQTLNLFDISQAQTPVAVIGLTCRLDILELLEKRVKSRFSHR QIHLMNSFDFPQYLKIFKEQLSLPAEFPDKAFAERWNVHCLSEDSTVLEVLQKHFSVNKNLQSLHMLL MLALNRVTVSHPFMTSADLMEAQHMCSLDSKANIVHGLSVLEICLIAMKHLNDIYEEEPFNFMVYNEF QKFIQRKAHSVYNFEKPVVMKAFEHLQQLLELIKVERTSVNSQREYQLVKLLLDNTQIMNALQKYSNCPT DVRQWATSSLSWL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	50 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_036088
Locus ID:	26428



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UniProt ID:	<u>O88708</u>
RefSeq Size:	4029
Cytogenetics:	2 C1.1
RefSeq ORF:	1299
Synonyms:	mMmORC4; Orc4I; Orc4P
Summary:	Binds histone H3 and H4 trimethylation marks H3K9me3, H3K27me3 and H4K20me3 (By similarity). Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication.[UniProtKB/Swiss-Prot Function]