

## Product datasheet for TP505950

### NdrG1 (NM\_008681) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-myc downstream regulated gene 1 (NdrG1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205950 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSRELHDVDLAEVKPLVEKGESITGLLQEFDVQEQDIETLHGSLHVTLCGTPKGNRPVILTYHDIGMNHK TCYNPLFNSEDMQEITQHFAVCHVDAPGQQDGA SFPVGYMYP SMDQLAEMLPGLVH QFGLKSVIGMGTG AGAYILTRFALNNPEMVEGLVLMNVNPCAEGWMDWAASKISGWTQALPDMV VSHLFGKEEIHNNVEVHT YRQHILNDMNPSNLHLFISAYNSRRDLEIERPMPGTHVT LQCPALLVVDN SPAVD AVECNSKLDPTK TTLLKMADCGGLPQISQPAKLAEAFKYFVQGMGYMPSAS MTRLMRSRTASGSSVTSLEGTRSR SHTSEGP RSRSHTSEGSRSRSHTSE DARLNITPNSGATGNNAGPKSMEVSC
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	43 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_032707</a>
Locus ID:	17988
UniProt ID:	<a href="#">Q62433</a> , <a href="#">Q545R3</a>



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RefSeq Size: 2909

Cytogenetics: 15 D2

RefSeq ORF: 1185

Synonyms: CAP43; CMT4D; DRG1; HMSNL; Ndr1; Ndr1; Ndr1; NMSL; PROXY1; RTP; TDD5

**Summary:** Stress-responsive protein involved in hormone responses, cell growth, and differentiation. Acts as a tumor suppressor in many cell types. Necessary but not sufficient for p53/TP53-mediated caspase activation and apoptosis. Required for vesicular recycling of CDH1 and TF. May also function in lipid trafficking. Protects cells from spindle disruption damage. Functions in p53/TP53-dependent mitotic spindle checkpoint. Regulates microtubule dynamics and maintains euploidy (By similarity). Has a role in cell trafficking notably of the Schwann cell and is necessary for the maintenance and development of the peripheral nerve myelin sheath.[UniProtKB/Swiss-Prot Function]