

## Product datasheet for **TP311577M**

### **NDRG2 (NM\_016250) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NDRG family member 2 (NDRG2), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211577 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAELQEVQITEEKPLLPGQTPEAAKTHSVETPYGSVTFVYGTGPKPKRPAILTYHDVGLNYKSCFQPLFQ  
FEDMQEIIQNFVRVHVDAPGMEEGAPVFPLGYQYPSLDELADMIPCVLQYLNFTIIGVGVGAGAYILAR  
YALNHPDTVEGLVLINIDPNAKGWMDWAAHKLTLTSSIPEMILGHLFSQEELSGNSELIQYRNIIITHA  
PNLDNIELYWNSYNNRRDLNFERGGDITLRCPVMLVVGDAQPHEDAVECNSKLDPTRTSFLKMADSGGQ  
PQLTQPGKLTAFKYFLQGMGYMASSCMTRLSRSRTASLTSAAASVDGNRSRSRTLSQSSESGLSSGPPG  
HTMEVSC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	39.1 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_057334</a>
Locus ID:	57447



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UniProt ID: [Q9UN36](#)

RefSeq Size: 2100

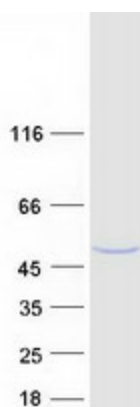
Cytogenetics: 14q11.2

RefSeq ORF: 1071

Synonyms: SYLD

**Summary:** This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2017]

### Product images:



Coomassie blue staining of purified NDRG2 protein (Cat# [TP311577]). The protein was produced from HEK293T cells transfected with NDRG2 cDNA clone (Cat# [RC211577]) using MegaTran 2.0 (Cat# [TT210002]).