

## Product datasheet for **TP303231M**

### ENY2 (NM\_020189) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human enhancer of yellow 2 homolog (Drosophila) (ENY2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203231 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVSKMKNKDAQMRAAINQKLIETGERERLKELLRAKLIIECGWKDQLKAHCKEVIKEKGLEHVTVDLVAE ITPKGRALVPDSVKKELLQRI RTFLAQHASL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	11.3 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_064574</a>
Locus ID:	56943
UniProt ID:	<a href="#">Q9NPA8</a> , <a href="#">A0A024R9D9</a>
RefSeq Size:	2948
Cytogenetics:	8q23.1



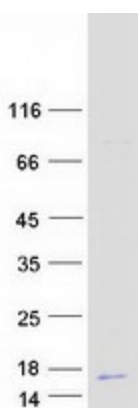
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RefSeq ORF: 303

Synonyms: DC6; e(y)2; Sus1

**Summary:** Involved in mRNA export coupled transcription activation by association with both the TREX-2 and the SAGA complexes. The transcription regulatory histone acetylation (HAT) complex SAGA is a multiprotein complex that activates transcription by remodeling chromatin and mediating histone acetylation and deubiquitination. Within the SAGA complex, participates in a subcomplex that specifically deubiquitinates both histones H2A and H2B. The SAGA complex is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor-mediated transactivation (PubMed:18206972, PubMed:21746879). As a component of the TREX-2 complex, involved in the export of mRNAs to the cytoplasm through the nuclear pores (PubMed:23591820).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified ENY2 protein (Cat# [TP303231]). The protein was produced from HEK293T cells transfected with ENY2 cDNA clone (Cat# [RC203231]) using MegaTran 2.0 (Cat# [TT210002]).