

## Product datasheet for PH303231

### ENY2 (NM\_020189) Human Mass Spec Standard

#### Product data:

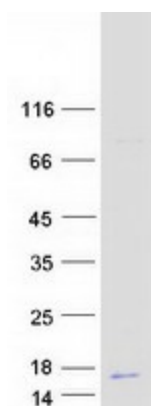
Product Type:	Mass Spec Standards
Description:	ENY2 MS Standard C13 and N15-labeled recombinant protein (NP_064574)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203231
Predicted MW:	11.5 kDa
Protein Sequence:	>RC203231 protein sequence Red=Cloning site Green=Tags(s)  MVSVMNKDAQMRAAINQKLIETGERERLKELLRAKLIIECGWKDQLKAHCKEVIKEKGLEHVTVDLVAE ITPKGRALVPDSVKKELLQRIRTFLAQHASL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_064574</a>
RefSeq Size:	2948
RefSeq ORF:	303
Synonyms:	DC6; e(y)2; Sus1
Locus ID:	56943
UniProt ID:	<a href="#">Q9NPA8</a> , <a href="#">A0A024R9D9</a>
Cytogenetics:	8q23.1



[View online »](#)

**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]).