

## Product datasheet for **TP307099**

### Epsin 1 (EPN1) (NM\_013333) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human epsin 1 (EPN1), transcript variant 3, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC207099 representing NM\_013333

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MSTSSLRQMKNIHVHNYSEAEIKVREATSNDPWGPSSSLMSEIADLTYNVWAFSEIMSMIWKRLNDHGKN  
WRHVYKAMTLMEYLIKTGSERVSQCKENMYAVQTLKDFQYVDRDGDQGVNVREKAKQLVALLRDEDRL  
REERAHALKTKEKLAQTATASSAAVGSPPPEAEQAWPQSSGEEELQLQLALAMSKEEADQEERIRRGDD  
LRLQMAIEESKRETGGKESSLMDLADVFTAPAPAPTTDPWGGPAPMAAAVPTAAPTSDPWGGPPVPPAA  
DPWGGPAPTPASGDPWRPAAPAGPSVDPWGGTPAPAAGEGPTDPWSSDGGVPVSGPSASDPWTPAPAF  
SDPWGGSPAKPSTNGTTAGGFDTEPDEFSDFDRLRTALPTSGSSAGELELLAGEVPARSPGAFDMSGVRG  
SLAEAVGSPPPAATPTPTPTRKTPESFLGPNAAALVDLSLVSRRGPTPPGAKASNPFLPGGGPATGPSV  
TNPFPQAPPATLTLNQLRLSPVPPVPGAPPTYISPLGGGGLPPMMPPGPPAPNTNPFL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 57.3 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.



[View online >](#)

RefSeq: [NP\\_037465](#)

Locus ID: 29924

UniProt ID: [Q9Y6I3](#)

RefSeq Size: 2430

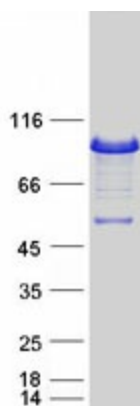
Cytogenetics: 19q13.42

RefSeq ORF: 1650

**Summary:** This gene encodes a member of the epsin protein family. The encoded protein binds clathrin and is involved in the endocytosis of clathrin-coated vesicles. Loss of function of this gene is associated with reduced tumor growth and progression in certain cancer types. [provided by RefSeq, Mar 2016]

**Protein Pathways:** Endocytosis

### Product images:



Coomassie blue staining of purified EPN1 protein (Cat# TP307099). The protein was produced from HEK293T cells transfected with EPN1 cDNA clone (Cat# [RC207099]) using MegaTran 2.0 (Cat# [TT210002]).