

## Product datasheet for **TP307655L**

### SEPTIN12 (NM\_144605) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human septin 12 (SEPT12), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC207655 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MDPLRRSPSPCLSSQPSSPSTPPCEMLGPVIGIEAVLDQLKIKAMKMGFEFNIMVVGQSGLGKSTMVNTLF  
KSKVWKSNNPPGLGVPTPQTLQLHSLTHVIEEKGVKCLKLTVTDTPGFGDQINNDNCWDPILGYINEQYEQY  
LQEEILTRQRHIPDTRVHCCVYFVPPPTGHCLRPLDIEFLQRLCRTVNVVPIARADSLTMEERAFRRR  
IQQNLRTHCIDVYPQMCFDEDINDKILNSKLRDRIPFAVVGADQEHLVNGRCVLGRKTKWGIIEVENMAH  
CEFPLLRDLLIRSHLQDLKDITHNIHYENYRVIRLNESHLLPRGPGWVNLAPASPGQLTTPRTFKVCRGA  
HDDSDDEF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 40.6 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:** [NP\\_653206](#)

**Locus ID:** 124404



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UniProt ID: [Q8IYM1](#)

RefSeq Size: 1524

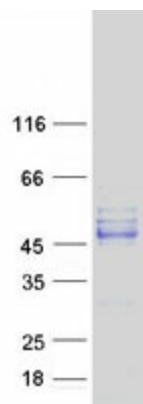
Cytogenetics: 16p13.3

RefSeq ORF: 1074

Synonyms: SEPT12; SPGF10

**Summary:** This gene encodes a guanine-nucleotide binding protein and member of the septin family of cytoskeletal GTPases. Septins play important roles in cytokinesis, exocytosis, embryonic development, and membrane dynamics. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

### Product images:



Coomassie blue staining of purified SEPTIN12 protein (Cat# [TP307655]). The protein was produced from HEK293T cells transfected with SEPTIN12 cDNA clone (Cat# [RC207655]) using MegaTran 2.0 (Cat# [TT210002]).