

Product datasheet for **TP317721M**

SEPTIN14 (NM_207366) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human septin 14 (SEPT14), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217721 representing NM_207366 Red =Cloning site Green =Tags(s)

MAERTMAMPTQIPADGDTQKNNIRCLTTIGHFGFECLPNQLVSRIRQGFTFNILCVGETGIGKSTLID
TLFNTNLKDNKSSHFYSNVGLQIQTYELQESNVQLKLTVVETVGYGDQIDKEASYQPIVDYIDAQFEAYL
QEELKIKRSLFEYHDSRVHVCLYFISPTGHSLKSLDLLTMKNLDSKVNIPLIAKADTISKNDLQTFKNK
IMSELISNGIQIYQLPTDEETAAQANSSVSGLLPFAVVGSTDEVKVGKRMVRGRHYPWGVQLQVENENHCD
FVKLRDMLLCTNMENLKEKHTHTQHYECYRYQKLQKMGFTDVGPNNPVSVFQEIFEAKRQEFYDQCQREE
E
ELKQRFMQRVKEKEATFKEAEKELQDKFEHLKMIQEEIRKLEEEKKQLEGEIIDFYKMKAAASEALQTQL
STDTKKDKHRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

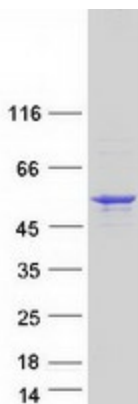
Tag:	C-Myc/DDK
Predicted MW:	49.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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RefSeq:	<u>NP_997249</u>
Locus ID:	346288
UniProt ID:	<u>Q6ZU15</u>
RefSeq Size:	3785
Cytogenetics:	7p11.2
RefSeq ORF:	1296
Synonyms:	SEPT14
Summary:	SEPT14 is a member of the highly conserved septin family of GTP-binding cytoskeletal proteins implicated in membrane transport, apoptosis, cell polarity, cell cycle regulation, cytokinesis, and other cellular functions (Peterson et al., 2007 [PubMed 17922164]).[supplied by OMIM, Jul 2008]

Product images:



Coomassie blue staining of purified SEPTIN14 protein (Cat# [TP317721]). The protein was produced from HEK293T cells transfected with SEPTIN14 cDNA clone (Cat# [RC217721]) using MegaTran 2.0 (Cat# [TT210002]).