

## Product datasheet for TP327527M

### EXOC7 (NM\_001145299) Human Recombinant Protein

#### Product data:

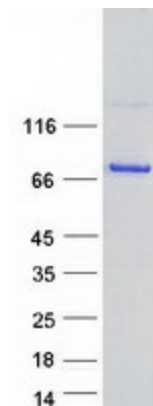
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens exocyst complex component 7 (EXOC7), transcript variant 6, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC227527 representing NM_001145299 Red=Cloning site Green=Tags(s)
	<p>MIPPQEASARRREIEDKCLKQEEETLSFIRDSLEKSDQLTKNMVSISSSFESRLMKLENSIIPVHKQTENL          QRLQENVEKTLSCLDHVISYYHVASDTEKIIREGPTGRLEEYLGSMAKIQKAVEYFQDNPSPELNKVK          LLFERGKEALESEFRSLMTRHSKVVSPVLILDLSIGDDDLEAQEDVLEHLPEVSLQDVIRISRWLVEYG          RNQDFMNVVYQIRSSQLDRSIKGLKEHFHKSSSSSGVPYSPAIPNKRKDTPTKKPVKRPGTIRKAQNLLK          QYSQHGLDGKKGGSNLIPLEGHEHDFRVKHLSEALNDKHGPLAGRDDMLDVETDAYIHCVSAFVKLAQSE          YQLLADIPEHHQKKTFDSLIQDALDGLMLEGENIVSAARKAIVRHDFSTVLTVPILRHLKQTKPEFDQ          VLQGTAASKNKLPLGLITSMETIGAKALEDFADNIKNDPKKEYNMPKDGTVHELTSNAILFLQQLDFQE          TAGAMLASQETSSSATSYSSEFSKRLLSTYICKVLGNLQLNLLSKSKVYEDPALSAIFLHNNYNYILKSL          EKSELIQLVAVTQKTAERSYREHIEQQIQTYQRSWLKVTDYIAEKNLPVFQPGVKLRDKERQIIFKFKG          FNDGLEELCKIQKAWAIPDTEQRDRIRQAQKTIVKETYGAFLQKFGSVPFTKNPEKYIKYGVEQVGD MID          RLFDTSA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	80.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001138771</a>
<b>Locus ID:</b>	23265
<b>UniProt ID:</b>	<a href="#">Q9UPT5</a> , <a href="#">Q63HP7</a>
<b>Cytogenetics:</b>	17q25.1
<b>RefSeq ORF:</b>	2121
<b>Synonyms:</b>	2-5-3p; BLOM4; EXO70; EXO70; Exo70p; EXOC1; NEDSEBA; YJL085W
<b>Summary:</b>	The protein encoded by this gene is a component of the exocyst complex. The exocyst complex plays a critical role in vesicular trafficking and the secretory pathway by targeting post-Golgi vesicles to the plasma membrane. The encoded protein is required for assembly of the exocyst complex and docking of the complex to the plasma membrane. The encoded protein may also play a role in pre-mRNA splicing through interactions with pre-mRNA-processing factor 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 4. [provided by RefSeq, Nov 2011]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Insulin signaling pathway

### Product images:



Coomassie blue staining of purified EXOC7 protein (Cat# [TP327527]). The protein was produced from HEK293T cells transfected with EXOC7 cDNA clone (Cat# [RC227527]) using MegaTran 2.0 (Cat# [TT210002]).