

## Product datasheet for **TP321251M**

### SEC14L4 (NM\_174977) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human SEC14-like 4 ( <i>S. cerevisiae</i> ) (SEC14L4), 100 µg |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC221251 representing NM_174977<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |

MSSRVGDLSPQQQEALARFRENLQDLLPILPNADDYFLLRWLRARNFDLQKSEDMMLRRHMEFRKQQDLDN  
IVTWQPPEVIQLYDSGGLCGYDYEGCPVYFNIIGSLDPKGLLLSASKQDMIRKRIKVCCELLLHECELQTQ  
KLGRKIEMALMVFDMEGLSLKHLWKPAVEVYQFFSILEANYPETLKNLIVIRAPKLPVAFNLVKSFMS  
EETRRKIVILGDNWKQELTKFISPDQLPVEFGGTMTPDGNPKCLTKINYGGEVPKSYLCEQVRLQYEH  
TRSVGRGSSLQVENEILFPGCVLRWQFASDGGDIGFVFLKTKMGEQQSAREMTEVLPSQRYNAHMVPEP  
GSLTCLQAGVYVLRFDNTYSRMHAKKLSYTVEVLLPKASEETLQSLKAMRPSPTQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 46.5 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:        | <a href="#">NP_777637</a>  |
| Locus ID:      | 284904   |



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UniProt ID: [Q9UDX3](#), [B2RMR2](#), [B3KRP9](#)

RefSeq Size: 2499

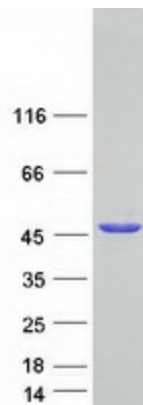
Cytogenetics: 22q12.2

RefSeq ORF: 1218

Synonyms: TAP3

**Summary:** The protein encoded by this gene is highly similar to the protein encoded by the *Saccharomyces cerevisiae* SEC14 gene. The SEC14 protein is a phosphatidylinositol transfer protein that is essential for biogenesis of Golgi-derived transport vesicles, and thus is required for the export of yeast secretory proteins from the Golgi complex. The specific function of this protein has not yet been determined. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2009]

### Product images:



Coomassie blue staining of purified SEC14L4 protein (Cat# [TP321251]). The protein was produced from HEK293T cells transfected with SEC14L4 cDNA clone (Cat# [RC221251]) using MegaTran 2.0 (Cat# [TT210002]).