

Product datasheet for PH321251

SEC14L4 (NM_174977) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SEC14L4 MS Standard C13 and N15-labeled recombinant protein (NP_777637)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221251
Predicted MW:	46.5 kDa
Protein Sequence:	>RC221251 representing NM_174977 Red=Cloning site Green=Tags(s) MSSRVGDLSPQQEALARFRENLDLLPILPNADDYFLLRWLRARNFDLQKSEDMLRRHMEFRKQQDLDN IVTWQPPEVIQLYDSGGLCGDYEGCPVYFNIIGSLDPKGLLLSASKQDMIRKRIKVCCELLLHECELQTQ KLGRKIEALMVFDMEGLSLKHLWKPAVEVYQQFFSILEANYPETLKNLIVIRAPKLPVAFNLVKSFMS EETRRKIVILGDNWKQELTKFISPDQLPVEFGGTMTPDGNPKCLTKINYGGEVPKSYLCEQVRLQYEH TRSVGRGSSLQVENEILFPGCVLRWQFASDGGDIGFVFLKTKMGEQQSAREMTEVLPSSQRYNAHMVPED GSLTCLQAGVYVLRFDNTYSRMHAKKLSYTVVLLPKASEETLQSLKAMRPSPTQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_777637
RefSeq Size:	2499
RefSeq ORF:	1218
Synonyms:	TAP3
Locus ID:	284904



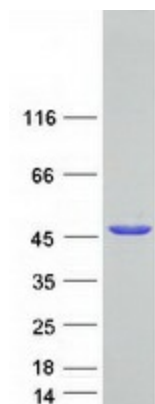
[View online »](#)

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

Cytogenetics: 22q12.2

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]).