

Product datasheet for PH301388

ELAC1 (NM_018696) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ELAC1 MS Standard C13 and N15-labeled recombinant protein (NP_061166)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201388
Predicted MW:	40 kDa
Protein Sequence:	>RC201388 protein sequence Red =Cloning site Green =Tags(s)

MSMDVTLGTGAAYPSPTRGASAVVLRCEGECWLFDCGEGTQTQLMKSQLKAGRITKIFITHLHGDHFFG
 LPGLLCTISLQSGSMVSKQPIEYGPVGLRDFIWRTMELSHTELVFHYVVHEL VPTADQCPAEELKEFAH
 VNRADSPPKKEEQGRTILLDSEENSYLLFDDEQFVYKAFRLFHRIPSGFVSVEKKRPGKLNQKLDLGV
 PPGPAYGKLKNGISVVLENGVTISPQDVLKKPIVGRKICILGDCSGVVGDGGVKLCFEADLLIHEATLDD
 AQMDKAKEHGHSTPQMAATFAKLCRAKRLVLTHFSQRYKPVALAREGETDGI AELKKQAESVLDLQEVTL
 AEDFMVISIPIKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_061166</u>
RefSeq Size:	2233
RefSeq ORF:	1089
Synonyms:	D29
Locus ID:	55520

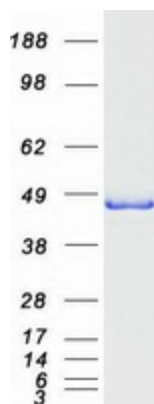

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UniProt ID: [Q9H777](#)

Cytogenetics: 18q21.2

Summary: Zinc phosphodiesterase, which displays some tRNA 3'-processing endonuclease activity. Probably involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA.
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ELAC1 protein (Cat# [TP301388]). The protein was produced from HEK293T cells transfected with ELAC1 cDNA clone (Cat# [RC201388]) using MegaTran 2.0 (Cat# [TT210002]).