

## Product datasheet for PH315460

### LARP6 (NM\_197958) Human Mass Spec Standard

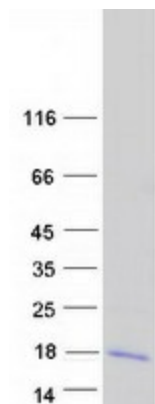
#### Product data:

Product Type:	Mass Spec Standards
Description:	LARP6 MS Standard C13 and N15-labeled recombinant protein (NP_932062)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215460
Predicted MW:	9.6 kDa
Protein Sequence:	<p>&gt;RC215460 representing NM_197958</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAQSGGEARPGPKTAVQIRVAIQEAEDVDELEDEEEGAETRGAGDPARYLSPGWGSASEEEPSRGRHRNS</p> <p>SVNSRTMLASFIVSSAPSTAPST</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_932062</a>
RefSeq Size:	577
RefSeq ORF:	279
Synonyms:	ACHN
Locus ID:	55323
UniProt ID:	<a href="#">Q9BRS8</a>
Cytogenetics:	15q23


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**Summary:**

Regulates the coordinated translation of type I collagen alpha-1 and alpha-2 mRNAs, CO1A1 and CO1A2. Stabilizes mRNAs through high-affinity binding of a stem-loop structure in their 5' UTR. This regulation requires VIM and MYH10 filaments, and the helicase DHX9. [UniProtKB/Swiss-Prot Function]

**Product images:**


Coomassie blue staining of purified LARP6 protein (Cat# [TP315460]). The protein was produced from HEK293T cells transfected with LARP6 cDNA clone (Cat# [RC215460]) using MegaTran 2.0 (Cat# [TT210002]).