

## Product datasheet for PH300409

### EIPR1 (NM\_003310) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TSSC1 MS Standard C13 and N15-labeled recombinant protein (NP_003301)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200409
Predicted MW:	43.6 kDa
Protein Sequence:	>RC200409 protein sequence Red=Cloning site Green=Tags(s)
	<p>MEDDAPVIYGLEFQARALTPQTAETDAIRFLVGTQSLKYDNQIHIIDFDDENNIINKNVLLHQAGEIWHI SASPADRGVLTTCYNRTSDSKVLTCAAVWRMPKELESGSHEPDDSSSTAQTLELLCHLDNTAHGNMACV VWPEMGDGKKIISLADNHILLWDLQESSQAVLASSASLEGKQQLKFTSGRWSPHHNCTQVATANDTTLR GWDTRMSQIYCIENAHGQLVRDLDFNPKNQYYLASCDDCKVKFWDTRNVTEPVKLEEHSWVWVRY NHSHDQLVLTGSSDSRVILSNMVISSEPFGLVDDDDISDQEDHRSEEKKEPLQDNVIATYEEHEDSV YAVDWSSADPWLFASLSYDGRVINRVPRALKYHILL</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</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_003301</a>
RefSeq Size:	1732
RefSeq ORF:	1161
Synonyms:	EIPR-1; TSSC1
Locus ID:	7260



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UniProt ID: [Q53HC9](#)

Cytogenetics: 2p25.3

**Summary:** This gene has been reported in PMID 9403053 as one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alignment of this gene to genomic sequence data suggests that this gene resides on chromosome 2 rather than chromosome 11. [provided by RefSeq, Dec 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified EIPR1 protein (Cat# [TP300409]). The protein was produced from HEK293T cells transfected with EIPR1 cDNA clone (Cat# [RC200409]) using MegaTran 2.0 (Cat# [TT210002]).