

# **Product datasheet for PH300409**

### OriGene Technologies, Inc.

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#### 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:HumanExpression Host:HEK293

Expression cDNA Clone

RC200409

or AA Sequence: Predicted MW:

43.6 kDa

Protein Sequence: >RC200409 protein sequence

Red=Cloning site Green=Tags(s)

MEDDAPVIYGLEFQARALTPQTAETDAIRFLVGTQSLKYDNQIHIIDFDDENNIINKNVLLHQAGEIWHI SASPADRGVLTTCYNRTSDSKVLTCAAVWRMPKELESGSHESPDDSSSTAQTLELLCHLDNTAHGNMACV VWEPMGDGKKIISLADNHILLWDLQESSSQAVLASSASLEGKGQLKFTSGRWSPHHNCTQVATANDTTLR GWDTRSMSQIYCIENAHGQLVRDLDFNPNKQYYLASCGDDCKVKFWDTRNVTEPVKTLEEHSHWVWNVRY NHSHDQLVLTGSSDSRVILSNMVSISSEPFGHLVDDDDISDQEDHRSEEKSKEPLQDNVIATYEEHEDSV

YAVDWSSADPWLFASLSYDGRLVINRVPRALKYHILL

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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 003301

RefSeq Size: 1732 RefSeq ORF: 1161

Synonyms: EIPR-1; TSSC1

**Locus ID:** 7260



#### EIPR1 (NM\_003310) Human Mass Spec Standard - PH300409

UniProt ID: Q53HC9
Cytogenetics: 2p25.3

Summary: This gene has been reported in PMID 9403053 as one of several tumor-suppressing

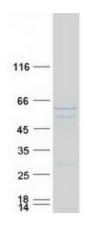
subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical

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]).