

## **Product datasheet for PH309852**

## OriGene Technologies, Inc.

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## REEP3 (NM\_001001330) Human Mass Spec Standard

**Product data:** 

**Product Type:** Mass Spec Standards

**Description:** REEP3 MS Standard C13 and N15-labeled recombinant protein (NP\_001001330)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

RC209852

or AA Sequence: Predicted MW:

29.3 kDa

Protein Sequence: >RC209852 protein sequence

Red=Cloning site Green=Tags(s)

MVSWMISRAVVLVFGMLYPAYYSYKAVKTKNVKEYVRWMMYWIVFALYTVIETVADQTVAWFPLYYELKI AFVIWLLSPYTKGASLIYRKFLHPLLSSKEREIDDYIVQAKERGYETMVNFGRQGLNLAATAAVTAAVKS QGAITERLRSFSMHDLTTIQGDEPVGQRPYQPLPEAKKKSKPAPSESAGYGIPLKDGDEKTDEEAEGPYS

DNEMLTHKGLRRSQSMKSVKTTKGRKEVRYGSLKYKVKKRPQVYF

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- 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 001001330

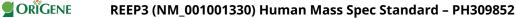
RefSeq Size: 5205 RefSeq ORF: 765

Synonyms: C10orf74; Yip2b

**Locus ID:** 221035

UniProt ID: Q6NUK4, X5DR89





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Cytogenetics:

10q21.3

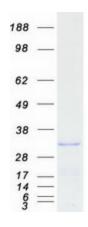
Summary:

Microtubule-binding protein required to ensure proper cell division and nuclear envelope reassembly by sequestering the endoplasmic reticulum away from chromosomes during mitosis. Probably acts by clearing the endoplasmic reticulum membrane from metaphase chromosomes.[UniProtKB/Swiss-Prot Function]

**Protein Families:** 

Druggable Genome, Transmembrane

## **Product images:**



Coomassie blue staining of purified REEP3 protein (Cat# [TP309852]). The protein was produced from HEK293T cells transfected with REEP3 cDNA clone (Cat# [RC209852]) using MegaTran 2.0 (Cat# [TT210002]).