

Product datasheet for PH309852

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:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209852
Predicted MW:	29.3 kDa
Protein Sequence:	>RC209852 protein sequence Red =Cloning site Green =Tags(s) MYSWMISR AVL VFGMLYPAYYSYKAVKTKNVKEYVRWMMYWIVFALYTVIETVADQTVAVFPLYELKI AFVIWLLSPYTKGASLIYRKFLHPLLSSKEREIDDYIVQAKERGYETMVNFGRQGLNLAATAAVTA AVKS QGAI TERLRSFSMHDLT TIQGDEPVGQRPYQPLPEAKKKSKPAPSESAGYGIPLKDGDEKTDDEEAEGPYS DNEMLTHKGLRRSQSMKSVKTTKGRKEVRYGSLKYVKKRPQVYF TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	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]).