

Product datasheet for PH302157

REEP4 (NM_025232) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	REEP4 MS Standard C13 and N15-labeled recombinant protein (NP_079508)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202157
Predicted MW:	29.4 kDa
Protein Sequence:	>RC202157 protein sequence Red=Cloning site Green=Tags(s) MVSWMICRLVVLVFGMLCPAYASYKAVKTKNIREYVRWMMYWIVFALFMAAEIVTDIFISWFPFYIEIKM AFVLWLLSPYTKGASLLYRKFVHPSLSRHEKEIDAYIVQAKERSYETVLSFGKRGLNIAASAQVQAAATKS QGALAGRLRSFSMQDLRSISDAPAPAYHDPLYLEDQVSHRRPPIGYRAGGLQSDTEDECWSDTEAVPRA PARPREKPLIRSQSLRVVVKRPPVREGTSRSLKVRTRKKTVPDSDVDS SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_079508
RefSeq Size:	1731
RefSeq ORF:	771
Synonyms:	C8orf20; PP432; Yip2c
Locus ID:	80346
UniProt ID:	Q9H6H4



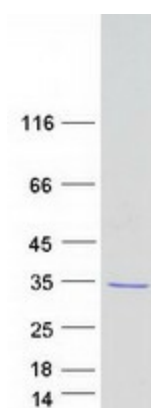
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Cytogenetics: 8p21.3

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 REEP4 protein (Cat# [TP302157]). The protein was produced from HEK293T cells transfected with REEP4 cDNA clone (Cat# [RC202157]) using MegaTran 2.0 (Cat# [TT210002]).