

## Product datasheet for PH320773

### G protein regulated inducer of neurite outgrowth 2 (GPRIN2) (NM\_014696) Human Mass Spec Standard

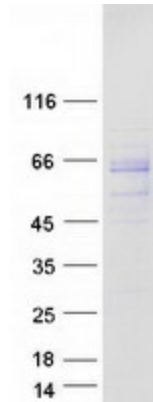
#### Product data:

Product Type:	Mass Spec Standards
Description:	GPRIN2 MS Standard C13 and N15-labeled recombinant protein (NP_055511)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220773
Predicted MW:	47.3 kDa
Protein Sequence:	>RC220773 representing NM_014696 Red=Cloning site Green=Tags(s)  MSSSRPEPGPWAPLSPRLQPLSQSSSSLLGEGREQRPELHKTASSTMWQAQLGEASTRPQAPEEEGNPPE SMKPARASGPKARPSAGGHWRSSVGNVSTMGGGDL CRLRAPSAAMQRSHSDLVRSTQMRGHS GARKAS LSCSALGSSPVHRAQLQPGGTSGQGQAPAGLERDLAPEDETSNSAWMLGASQLSVPPLDLGDTTAHSSS AQAEPKAAEQLATTTCHALPPAALLCGMREMREVGAGGCCHALPATGILAFPKL VASVSESLQAQHGVK IHCRLSGGLPGHSHCCAHLWGPAGLVPEPGSRTKDVWTMTSANDLAPAEASPLSAQDAGVQAAPVAACKA VATSPSLEAPAALHVFPEVTLGSSLEEAPSPVRDVRWDAEGMTWEVYGAAVDPEVLGVAIQKHLEMQFEQ LQRAPASEDSLVEGRRGPLRAVMQSLRRPSCCGCSGAAPE  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:	<a href="#">NP_055511</a>
RefSeq Size:	1896
RefSeq ORF:	1383



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Synonyms:	GRIN2; KIAA0514
Locus ID:	9721
UniProt ID:	<a href="#">O60269</a>
Cytogenetics:	10q11.22
Summary:	May be involved in neurite outgrowth.[UniProtKB/Swiss-Prot Function]
Protein Families:	Stem cell - Pluripotency

**Product images:**

Coomassie blue staining of purified GPRIN2 protein (Cat# [TP320773]). The protein was produced from HEK293T cells transfected with GPRIN2 cDNA clone (Cat# [RC220773]) using MegaTran 2.0 (Cat# [TT210002]).