

Product datasheet for PH307757

H963 (GPR171) (NM_013308) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GPR171 MS Standard C13 and N15-labeled recombinant protein (NP_037440)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207757
Predicted MW:	36.7 kDa
Protein Sequence:	>RC207757 protein sequence Red=Cloning site Green=Tags(s)

MTNSSFFCPVYKDLEPFTYFFYLVLVGIIGSCFATWAFIQKNTNHRVSIYLINLLTADFLLTALPVK
IVVDLGVAPWKLKIFHCQVTACLIYINMYLSIIFLAFVSI DRCLQLTHSCKIYRIQEPGFAKMISTVWVW
MVLIMVPMMPIKDIKEKSNVGCMEFKKEFGRNWHL TNFICVAIFLNFSAILISNCLVIRQLYRNK
DNENYPNVKKALINILLVTTGYIICFVPYHIVRIPYTLSQTEVITDCSTRISL FKAKEATLLLA VSNLCF
DPVLYYHLSKAFRSKVTET FASPKETKAQKEKLR CENNA

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:	<u>NP_037440</u>
RefSeq Size:	1862
RefSeq ORF:	957
Synonyms:	H963
Locus ID:	29909



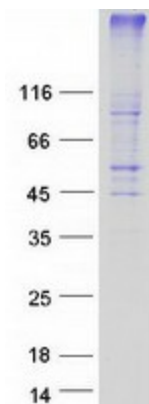
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UniProt ID: [O14626](#)

Cytogenetics: 3q25.1

Summary: Orphan receptor.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:

Coomassie blue staining of purified GPR171 protein (Cat# [TP307757]). The protein was produced from HEK293T cells transfected with GPR171 cDNA clone (Cat# [RC207757]) using MegaTran 2.0 (Cat# [TT210002]).