

Product datasheet for PH304556

MRGPRF (NM_145015) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MRGPRF MS Standard C13 and N15-labeled recombinant protein (NP_659452)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204556
Predicted MW:	38.2 kDa
Protein Sequence:	>RC204556 protein sequence Red=Cloning site Green=Tags(s)

MAGNCSWEAHPGNRNKMCPGLSEAPELYSRGFLTIEQIAMLPPPVMNYIFLLLCLCGLVGNGLVWFFG
FSIKRNPFSIYFLHLASADVGLFSKAVFSILNTGGFLGTFADYIRSVCRVLGGLCMFLTGVSLLPAVSAE
RCASVIFPAWYWRRRPKRLSAVVCALLWVLSLLVTCLHNYFCVFLGRGAPGAACRHMDFLGLLFLCC
PLMVLPCALILHVECRARRRQRSAKLNHVILAMVSVFLVSSIYLGIDWFLFWVFQIPAPFPEYVTDLCI
CINSSAKPIVYFLAGRDKSQRLWEPLRVVFQALRDGAELGEAGGSTPNTVTMEMQCPPGNAS

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- 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_659452
RefSeq Size:	2308
RefSeq ORF:	1029
Synonyms:	GPR140; GPR168; MRGF; RTA
Locus ID:	116535



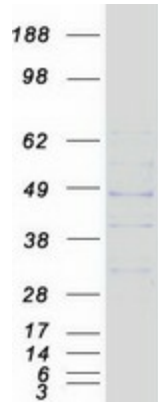
[View online »](#)

UniProt ID: [Q96AM1](#), [A0A024R5F0](#)

Cytogenetics: 11q13.3

Summary: Orphan receptor. May bind to a neuropeptide and may regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MRGPRF protein (Cat# [TP304556]). The protein was produced from HEK293T cells transfected with MRGPRF cDNA clone (Cat# [RC204556]) using MegaTran 2.0 (Cat# [TT210002]).