

## Product datasheet for PH311194

### GPCR MRGE (MRGPRE) (NM\_001039165) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MRGPRE MS Standard C13 and N15-labeled recombinant protein (NP_001034254)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211194
Predicted MW:	34.2 kDa
Protein Sequence:	>RC211194 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MEPREAGQHVGAAANGAQEDVAFNLIILSLTEGLGLGGLLNGAVLWLLSSNVYRNPF <del>AIYLLDVACADLI</del> FLGCHMVAIVPDLLQGRLD <del>FP</del> GVQTS <del>LA</del> TLRFFCYIVGLSLLAAVSVEQCLAAALFPAWYSCRRPRHLTT CVCALTWALCLLLHLLLSGACTQFFGEP <del>SRHL</del> CRTLWLVAAVLLALLCCTMCGASLMLLLRVERGPQRPP PRGF <del>PGL</del> ILLTVLLFLFCGLPFGIYWLSR <del>NLL</del> WYIPHYFYHFSFLMAAVHCAAKPVVYFCLGSAQGRRLP LRLVLQRALGDEAELGAVRETSRRGLVDIAA  <b>TRTRP</b> LE <b>QKLI</b> 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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_001034254</a>
RefSeq Size:	1296
RefSeq ORF:	933
Synonyms:	GPR167; MGRF; MRGE
Locus ID:	116534



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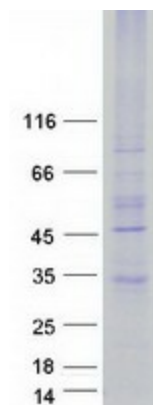
UniProt ID: [Q86SM8, W4VSQ4](#)

Cytogenetics: 11p15.4

Summary: Orphan receptor. May regulate nociceptor function and/or development, including the sensation or modulation of pain.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified MRGPRE protein (Cat# [TP311194]). The protein was produced from HEK293T cells transfected with MRGPRE cDNA clone (Cat# [RC211194]) using MegaTran 2.0 (Cat# [TT210002]).