

## Product datasheet for **TP311194M**

### GPCR MRGE (MRGPRE) (NM\_001039165) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human MAS-related GPR, member E (MRGPRE), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC211194 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEPREAGQHVGAAANGAQEDVAFNLIILSLTEGLGLGGLLNGAVLWLLSSNVYRNPFAYILLDVACADLI  
FLGCHMVAIVPDLLQGRDLDFPGFVQTSLATLRFCCYIVGLSLLAAVSVEQCLAALFPWYSCRRPRHLTT  
CVCALTWALCLLLHLLLSGACTQFFGEP SRHL CRTLWLVAAVLLALLCCTMCGASLMLLRVERGPQRPP  
PRGFPG LILLTVLLFLFCGLPFGIYWLSRNLLWYIPHYFYHFSFLMAAVHCAAKPVVYFCLGSAQGRRRLP  
LRLVLQRALGDEAELGAVRETSRRGLVDIAA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 34 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001034254](#)

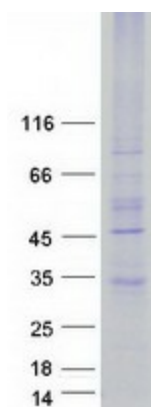
**Locus ID:** 116534



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UniProt ID:	<a href="#">Q86SM8</a> , <a href="#">W4VSO4</a>
RefSeq Size:	1296
Cytogenetics:	11p15.4
RefSeq ORF:	933
Synonyms:	GPR167; MGRF; MRGE
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]).