

## Product datasheet for TP311194

### 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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211194 protein sequence Red=Cloning site Green=Tags(s)

MEPREAGQHVGAAANGAQEDVAFNLIILSLTEGLGLGGLLNGAVLWLLSSNVYRNPFAYILLDVACADLI  
FLGCHMVAIVPDLLQGRDLDFPGFVQTSLATLRFFCYIVGLSLLAAVSVEQCLAALFPWYSCRRPRHLTT  
CVCALTWALCLLLHLLLSGACTQFFGEPSSRHLCRTLWLVAAVLLALLCCTMCGASLMLLRVERGPQRPP  
PRGFPGILLTVLLFLFCGLPFGIYWLSRNLLWYIPHYFYHFSFLMAAVHCAAKPVVYFCLGSAQGRRRLP  
LRLVLQRALGDEAELGAVRETSRRGLVDIAA

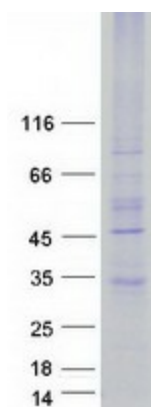
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<a href="#">NP_001034254</a>
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]).