

Product datasheet for TP526134

Oprm1 (NM_001039652) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse opioid receptor, mu 1 (Oprm1), transcript variant MOR-1C, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226134 protein sequence Red=Cloning site Green=Tags(s)

MDSSAGPGNISDCSDPLAPASCSPAPGSWLNLSHVDGNQSDPCGPNRTGLGGSHSLCPQTGSPSMVTAIT
IMALYSIVCVGLFGNFLVMYVIVRYTKMKTATNIYIFNLALADALATSTLPFQSVNYLMGTWPFGNILC
KIVISIDYYNMFTSIFTLCTMSVDRIYAVCHPVKALDFRTPRNAKIVNVCNWILSSAIGLPVMFMATTKY
RQGSIDCTLTFSHPTWYWENLLKICVFIFAFIMPVLIITVCYGLMILRLKSVRMLSGSKEKDRNLRRITR
MVLVWVAVFIVCWTPIHIVYIICALITIPETTFQTVSWHFCIALGYTNSCLNPVLYAFLDENFKRCFREF
CIPTSSTIEQQNSARIRQNTREHPSTANTVDRTNHQPTLAVSVAQIFTGYPSPTHVEKPKSCMDRGMRN
LLPDDGPRQESGEGQLGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	48.8 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
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 after receiving vials.
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_001034741
Locus ID:	18390



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UniProt ID: [P42866](#)

RefSeq Size: 2664

Cytogenetics: 10 1.85 cM

RefSeq ORF: 1317

Synonyms: m; M-OR-1; MO; MOP-R; mor; MOR-1; MOR-1O; mu; muOR; O; Oprm

Summary: This gene encodes the mu opioid receptor which is where drugs such as morphine and other opioids have pharmacological effects. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014]