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Product datasheet for TP519106

Hmmr (NM_013552) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hyaluronan mediated motility receptor (RHAMM) (Hmmr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219106 representing NM_013552 Red=Cloning site Green=Tags(s) MSFPKAPLKRFNDPSGCAPSPGAYDVKTSEATKGPVSFQKSQRFKNQRESQQNLNIDKDTTLLASAKKAK KSVSKKDSQKNDKDVKRLEKEIRALLQERGTQDKRIQDMESELEKTEAKLNAAVREKTSLSASNASLEKR LTELTRANELLKAKFSEDGHQKNMRALSLELMKLRNKRETKMRSMMVKQEGMELKLQATQKDLTESKGKI VQLEGKLVSIEKEKIDEKCETEKLLEYIQEISCASDQVEKCKVDIAQLEEDLKEKDREILSLKQSLEENI TFSKQIEDLTVKCQLLETERDNLVSKDRERAETLSAEMQILTERLALERQEYEKLQQKELQSQSLLQQEK ELSARLQQQLCSFQEEMTSEKNVFKEELKLALAELDAVQQKEEQSERLVKQLEEETKSTAEQLTRLDNLL REKEVELEKHIAAHAQAILIAQEKYNDTAQSLRDVTAQLESVQEKYNDTAQSLRDVTAQLESEQEKYNDT AQSLRDVTAQLESEQEKYNDTAQSLRDVTAQLESVQEKYNDTAQSLRDVTAQLESYKSSTLKEIEDLKLE NLTLQEKVAMAEKSVEDVQQQILTAESTNQEYARMVQDLQNRSTLKEEEIKEITSSFLEKITDLKNQLRQ QDEDFRKQLEEKGKRTAEKENVMTELTMEINKWRLLYEELYEKTKPFQQQLDAFEAEKQALLNEHGATQE QLNKIRDSYAQLLGHQNLKQKIKHVVKLKDENSQLKSEVSKLRSQLVKRKQNELRLQGELDKALGIRHFD PSKAFCHASKENFTPLKEGNPNCC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	92.2 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.

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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_038580
Locus ID:	15366
UniProt ID:	Q00547, Q3UPW7
RefSeq Size:	3914
Cytogenetics:	11 24.4 cM
RefSeq ORF:	2382
Synonyms:	AA386826; CD168; Rhamm
Summary:	Receptor for hyaluronic acid (HA) (PubMed:1376732). Involved in cell motility (PubMed:1376732). When hyaluronan binds to HMMR, the phosphorylation of a number of proteins, including the PTK2/FAK1 occurs. May also be involved in cellular transformation and metastasis formation, and in regulating extracellular-regulated kinase (ERK) activity. May act as a regulator of adipogenesis (PubMed:22666460).[UniProtKB/Swiss-Prot Function]