

Product datasheet for RN201190

Glyat12 (NM_134330) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glyat12 (NM_134330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Glyat12
Synonyms:	HP33; Keg1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201190 representing NM_134330 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTATACAGAGTTCTGAGGCACTGCAGATTCTGAAGAATTCCTAAGGAAGCACCTCCCTGAGT
CCTTAAAGGTTTATGGGACTGTCTCCACATGAACCAGGAAACCCATTCAAGCTCAAGGCTGTGGTGG
CAAGTGGCCTGATTTAATACTGTTGTTATTGACCACAGGAACAGGACATGACAGATGACCTTGACCAC
TACAACAACACTTACCTAATTTATTCCAAGGATCCAAGCACTGTCAGGAATTCCTTGGCTCATCAGACG
TCATTAAGTGAACAACATTTGCAGATCCAAAGTTCACAGGCAGACCTGGGCAAAGTGATAGAAAACCT
TGGAGCCACTAAGTGGCAAGGTCAGCATAAGCAGTGTCTTCTATATGGTATCTCATACAGCAAAG
AACTGACTCCTTCTTGGTGGATGCAAAGCACTTAGTAGTCAGCAGTGAGAAACCCACGCTTTTGACC
ATCAGTTATTCAAATTTGCCCGCTGGATGTTAAGCATGCTGCATTGGTGAATAGCATCTGGTATTTGG
TGGCAATGAGAAAAGCCAGAAGTTCATTGAACGCTGTATCTTTACCTTTCCAGCGTCTGTATTATGGG
CCTGAGGGGACCCCTGTGTCTGGGCCCTGATGGATCACACTGGAGAACTAAGATGGCAGGCACCTTGC
CTAAGTACCGGCACCAGAACCTCATTTACCATGTTGCTTTTACCAGGTCATACACTAGAGAAGCTGG
CTTTCCCATGTATTTACATGTGGATAAGGTTAACCTCACCATTGAGAGATGTCTGCTGTCTGGGCAT
GTCCCCATGCCCTGTACCTGGAACCACTGGAACCTGGGTACCTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_134330
Insert Size:	888 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_134330.2</u> , <u>NP_599157.2</u>
RefSeq Size:	1631 bp
RefSeq ORF:	888 bp
Locus ID:	171179
UniProt ID:	<u>Q9Z2Y0</u>
Cytogenetics:	1q43
Gene Summary:	hepatocellular carcinoma-enriched gene found localized to centrosome dependent microtubules [RGD, Feb 2006]