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(54) Title: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF TUMOR

MWSGWWLWPLVAVCTADFFRDEAERIMRDSPVIDGHNDLPWQLLDMFNNRLQDERANLTTLAGTHTNIPKLRAGFVG
GQFWSVYTPCDTQNKDAVRRTLEQMDVVHRMCRMYPETFLYVTSSAGIRQAFREGKVASLIGVEGGHSIDSSLGVLR
ALYQLGMRYLTLTHSCNTPWADNWLVDTGDSEPQSQGLSPFGQRVVKELNRLGVLIDLAHVSVATMKATLQLSRAPV
IFSHSSAYSVCASRRNVPDDVLRLVKQTDSLVMVNFYNNYISCTNKANLSQVADHLDHIKEVAGARAVGFGGDFDGV
PRVPEGLEDVSKYPDLIAELLRRNWTEAEVKGALADNLLRVFQAVEQASNLTQAPEEEPIPLDQLGGSCRTHYGYSS
GASSLHREWGLLLASLAPLVLCLSLL

Signal sequence.
amino acids 1-16

Transmembrane domain.
amino acids 392-410

N-glycosylation sites.
amino acids 57-60, 279-282, 332-335, 358-361

Tyrosine kinase phosphorylation site.
amino acids 110-118

N-myristoylation sites.
amino acids 63-68, 78-83, 124-129, 139-144, 151-156, 375-380, 395-400

Leucine zipper pattern.
amino acids 390-411

Renal dipeptidase active site.
amino acids 140-162

Renal dipeptidase homology.
amino acids 1-411

(57) Abstract: The present invention is directed to compositions of matter useful for the diagnosis and treatment of tumor in mammals and to methods of using those compositions of matter for the same.

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