Division of Signal Transduction Therapy

Standard Operation Procedure

Preparation of WWP2 M752I

Enzyme description:- GST-WWP2 M752I 1-870 (full length)

Clone number:- DU19786

Source:- Recombinant

Tag:- N-terminal GST

Purification method:- GSH-Sepharose

Expression level:- 0.2 mg/L

Calculated molecular mass:-

Monoisotopic	125638 Da
Average Mass	125715 Da

[cysteines reduced, methionines have not been oxidised]

Theoretical pI:- 6.74

Purity:- 80 %

Enzyme storage buffer:-

50 mM HEPES pH 7.5, 10% glycerol, 150mM NaCl, 1mM DTT

Storage temperature:- -80ºC

Assay:-

Division of Signal Transduction Therapy

Clone Data Sheet

Protein name GST-WWP2 M752I

Protein	WWP2 M752I 1-870 (full length)
Synonyms	
Clone Number	DU19786
Species	Human
Accession Number	Protein: O00308 DNA: NM_007014
Tag	N-terminal GST
Aminoacid sequence of the expressed protein .	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLE FPNLPYYIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDI RYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDF MLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQ GWQATFGGGDHPPKSDLEVLFQGPLGS**MASASSSRAGVALPFEKSQLTLKV VSAKPKVHNRQPRINSYVEVAVDGLPSETKKTGKRIGSSELLWNEIIILNV TAQSHLDLKVWSCHTLRNELLGTASVNLSNVLKNNGGKMENMQLTLNLQTE NKGSVVSGGELTIFLDGPTVDLGNVPNGSALTDGSQLPSRDSSGTAVAPEN RHQPPSTNCFGGRSRTHRHSGASARTTPATGEQSPGARSRHRQPVKNSGHS GLANGTVNDEPTTATDPEEPSVVGVTSPPAAPLSVTPNPNTTSLPAPATPA EGEEPSTSGTQQLPAAAQAPDALPAGWEQRELPNGRVYYVDHNTKTTTWER PLPPGWEKRTDPRGRFYYVDHNTRTTTWQRPTAEYVRNYEQWQSQRNQLQG AMQHFSQRFLYQSSSASTDHDPLGPLPPGWEKRQDNGRVYYVNHNTRTTQW EDPRTQGMIQEPALPPGWEMKYTSEGVRYFVDHNTRTTTFKDPRPGFESGT KQGSPGAYDRSFRWKYHQFRFLCHSNALPSHVKISVSRQTLFEDSFQQIMN MKPYDLRRRLYIIMRGEEGLDYGGIAREWFFLLSHEVLNPMYCLFEYAGKN NYCLQINPASSINPDHLTYFRFIGRFIAMALYHGKFIDTGFTLPFYKRMLN KRPTLKDLESIDPEFYNSIVWIKENNLEECGLELYFIQDMEILGKVTTHEL KEGGESIRVTEENKEEYIMLLTDWRFTRGVEEQTKAFLDGFNEVAPLEWLR YFDEKELELMLCGIQEIDMSDWQKSTIYRHYTKNSKQIQWFWQVVKEMDNE KRIRLLQFVTGTCRLPVGGFAELIGSNGPQKFCIDKVGKETWLPRSHTCFN RLDLPPYKSYEQLREKLLYAIEETEGFGQE**
Native sequence	in bold
Protease cleavage	Prescission Protease site underlined
Cloning sites	BglII / Not1
DNA sequence of insert	AGATCTATGGCATCTGCCAGCTCTAGCCGGGCAGGAGTGGCCCTGCCTTTT GAGAAGTCTCAGCTCACTTTGAAAGTGGTGTCCGCAAAGCCCAAGGTGCAT AATCGTCAACCTCGAATTAACTCCTACGTGGAGGTGGCGGTGGATGGACTC CCCAGTGAGACCAAGAAGACTGGGAAGCGCATTGGGAGCTCTGAGCTTCTC TGGAATGAGATCATCATTTTGAATGTCACGGCACAGAGTCATTTAGATTTA AAGGTCTGGAGCTGCCATACCTTGAGAAATGAACTGCTAGGCACCGCATCT GTCAACCTCTCCAACGTCTTGAAGAACAATGGGGGCAAAATGGAGAACATG CAGCTGACCCTGAACCTGCAGACGGAGAACAAAGGCAGCGTTGTCTCAGGC GGAGAGCTGACAATTTTCCTGGACGGGCCAACTGTTGATCTGGGAAATGTG CCTAATGGCAGTGCCCTGACAGATGGATCACAGCTGCCTTCGAGAGACTCC AGTGGAACAGCAGTAGCTCCAGAGAACCGGCACCAGCCCCCCAGCACAAAC TGCTTTGGTGGAAGATCCCGGACGCACAGACATTCGGGTGCTTCAGCCAGA

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