

Division of Signal Transduction Therapy

Standard Operation Procedure

Preparation of GST-WWP1 2-921

<u>Enzyme description:-</u>	WWP1 2-921
<u>Clone number:-</u>	DU19746
<u>Source:-</u>	Recombinant
<u>Tag:-</u>	N-terminal GST
<u>Purification method:-</u>	GSH-Sepharose
<u>Expression level:-</u>	0.3mg/L
<u>Calculated molecular mass:-</u>	
Monoisotopic	131924
Average Mass	132004
[cysteines reduced, methionines have not been oxidised]	
<u>Theoretical pI:-</u>	5.1
<u>Purity:-</u>	80%
<u>Enzyme storage buffer:-</u>	
50 mM HEPES pH 7.5, 10% glycerol, 150mM NaCl, 1mM DTT	
<u>Storage temperature:-</u>	-80°C
<u>Assay:-</u>	

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Clone Data Sheet

Protein name WWP1 2-921

Protein GST-WWP1 2-921

Synonyms

Clone Number DU19746

Species Human

Accession Number Q9H0M0

Tags N-terminal GST

Aminoacid sequence
of the expressed
protein

MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGL
EFPNLPYYIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAIEISMLEGAVL
DIRYGVSR IAYSKDFETLKVDFLSKLPPEMLKMFEDRLCHKTYLNGDHVTH
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPOIDKYLKSSKYIA
WPLQGWQATFGGGDHPKSDLEVLFOGPLGSI**ATASPRSDTSNNHSGRLQ**
LQVTVSSAKLKRKKNWFGTAIYTEVVVDGEITKTAKSSSSSNPKWDEQLT
VNVTPQTTFEFQVWSHRTLKADALLGKATIDLKQALLIHNKLERVKEQL
KLSLENKNGIAQTGELTVVLDGLVIEQENITNCSSSPTIEIQENGDALHE
NGEPSARTTARLAVEGTNGIDNHVPTSTLVQNSCCSYVNGDNTTPSSPSQ
VAARPKNTPAPKPLASEPADDTVNGESSFAPTNDASVTGTPVVSEENAL
SPNCTSTTVEDPPVQEILTSSENNECIPSTSAELESEARSILEPDTSNSR
SSSAFEAAKSRQPDGCMDFVRQOSGNANTETLPSGWEQRKDPHGRTYYVD
HNTRTTTWERPQPLPPGWERRVDDRRRVYYVDHNTRTTTWQRPTMESVRN
FEQWQSQRNQLQGAMQOFNORYLYSASMLAAENDPYGPLPPGWEKRV DST
DRVYFVNHNKTTQWEDPRTQGLQNEEPLPEGWEIRYTRREGVRYFVDHNT
RTTTFKDP RNKSSVTKGGPQIAYERGFRWKL AHFRYLCQSNALPSHVKI
NVSRQTLFEDSFQQIMALKPYDLRRRLYVIFRGEGLDYGGLAREWFFLL
SHEVLNPMYCLFEYAGKNNYCLQINPASTINPDHLSYFCF IGRFIAMALF
HGKFIDTGFSLPFYKRMLS KKLTIKDLESIDTEFYNSLIWIRDNNIEECG
LEMYSVDMEILGKVTSHDLKLGGSNILVTEENKDEYIGLMTWRF SRGV
QEQTKAFLDGFNEVVPLQWLQYFDEKELEVMLCGMQEVDLADWQRNTVYR
HYTRNSKQI IFWQFVKETDNEVRMRLLOFVTGTGTCRLPLGGFAELMGSNG
PQKFCIEKVGKDTWLP RSHTCFNRLDLPPYKSYEQ LKEKLLFAIEETEGF
GQE

Native sequence In bold

Protease cleavage Precission Protease site underlined

Cloning sites BgIII / NotI

DNA sequence of insert

AGATCTATCGCCACTGCTTCACCAAGGTCTGATACTAGTAATAACCACAGTG
GAAGGTTGCAGTTACAGGTAACGTGTTTCTAGTGCCAAACTTAAAAGAAAAA
GAACTGGTTCGGAACAGCAATATATACAGAAGTAGTTGTAGATGGAGAAATT
ACGAAAACAGCAAAATCCAGTAGTTCCTTCTAATCCAAAATGGGATGAACAGC
TAACTGTAAATGTTACGCCACAGACTACATTGGAATTTCAAGTTTGGAGCCA
TCGCACTTTAAAAGCAGATGCTTTATTAGGAAAAGCAACGATAGATTTGAAA
CAAGCTCTGTTGATACACAATAGAAAATTGGAAAGAGTGAAAAGAACAATTAA
AACTTTCCTTGGAAAACAAGAATGGCATAGCACAAACTGGTGAATTGACAGT
TGTGCTTGATGGATTGGTGATTGAGCAAGAAAATATAACAAACTGCAGCTCA
TCTCCAACCATAGAAAATACAGGAAAATGGTGATGCCTTACATGAAAATGGAG
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GGGAAGTAATGGGCCCTCAAAGTTTTCGATTGAAAAGTTGGCAAAGACACT
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GGGATTTGGACAAGAATGAGCGGCCG