

Division of Signal Transduction Therapy

Standard Operation Procedure

Preparation of TRAF5

<u>Enzyme description:-</u>	TRAF5 2-557 (end)
<u>Clone number:-</u>	DU24051
<u>Source:-</u>	insect recombinant
<u>Tag:-</u>	cleaved from Dac-TEV-
<u>Purification method:-</u>	Ampicillin-Sepharose
<u>Expression level:-</u>	0.5mg/L
<u>Calculated molecular mass:-</u>	
Monoisotopic	64434 Da
Average Mass	64474Da
[cysteines reduced, methionines have not been oxidised]	
<u>Theoretical pI:-</u>	7.70
<u>Purity:-</u>	50%
<u>Enzyme storage buffer:-</u>	
50mM HEPES pH 7.5, 150mM NaCl, 0.03% Brij35, 1mM TCEP	
<u>Storage temperature:-</u>	-80°C
<u>Assay:-</u>	

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Clone Data Sheet

TRAF5

Protein TRAF5 2-557

Synonyms RNF84

Clone Number DU24051

Species Human

Accession Number Protein: O00463

Tags cleaved from N-terminal Dac-

Aminoacid sequence of the expressed protein

GG**SAYSEE**HKG**MPCGFIRQ**NSG**NSISL**DFEPS**IEYQF**VERLEERYK**CAFCHS**
VLHNP**HQTGC**GRFC**QHCIL**SLRELNTVP**ICPVD**KEVIKS**QEVFK**DN**CCKRE**
VLNLYVYCSNAPGCNAKVILGRY**QDHLQ**QCL**FQPVQ**CSNEKCREPVL**RKDLK**
EHL**SASCQ**FRKEKCLYCKKD**VVINLQ**NHEENLCPEYPVFC**PNNCAKIILKT**
EVDEHLAVCP**EAEQDC**PFKH**YGCAVTDKRRNLQ**HEHSALREHMRLVLEKNV
Q**LEEQIS**DLHKSLE**QKESKIQ**QLAETIKKLEKEFK**QFAQL**FGKNGSFLPN**IQ**
VFASHIDKSAWLEA**QVHQ**LLQMV**NQQNK**FDLRPLMEAVDTVK**QKIT**LLENN
DQRLAVLEEETNKHDTHIN**IHK**AQLSKNEERFKLLEGTCYNGKLIWKVTDYK
MKKREAVDGHTVS**IFSQ**SFYTSRCGYRLCARAYLN**GDGSGR**GSHLSLYFVVM
RGEFDSLLQWPFRQ**RVTLML**LDQSGKKNIMETFKPD**PNSSS**FKRPDGEMNIA
SGCPRFVAHSVLEN**AKNAYIKDD**TLFLKVAVDLTDLEDL

Native sequence in bold

Protease site TEV-protease

Cloning sites BamH1

**DNA sequence of
the insert**

ATGTCTGCAATCCCGGGTGTACCGCAGATCGATGCGGAGTCCTACATCCT
GATTGACTATAACTCCGGCAAAGTGCTCGCCGAACAGAACGCAGATGTCC
GCCGCGATCCTGCCAGCCTGACCAAATGATGACCAGTTACGTTATCGGC
CAGGCAATGAAAGCCGGTAAATTTAAAGAACTGATTTAGTCACTATCGG
CAACGACGCATGGGCCACCGGTAACCCGGTGTAAAGGTTCTTCGCTGA
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CGCTGGTAGCCAGGACGCTTTTGTGGCTTGATGAACAGCTACGTTAACG
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