

Division of Signal Transduction Therapy

Standard Operation Procedure

Preparation of GST-HOIL1 [T203A]

Enzyme description:- HOIL1 [T203A] 1-510 (full length)

Clone number:- DU43712

Source:- Recombinant

Tag:- N-terminal GST

Purification method:- GSH-Sepharose

Expression level:- 1mg/L

Calculated molecular mass:-

Monoisotopic 85289 Da

Average Mass 85342 Da

[cysteines reduced, methionines have not been oxidised]

Theoretical pI:- 7.80

Purity:- 60%

Enzyme storage buffer:-

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

Storage temperature:- -80°C

Assay:-

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Clone Data Sheet

GST-HOIL1 [T203A]

<u>Protein</u>	HOIL1 1-510 [T203A] (full length)
<u>Synonyms</u>	RBCK1, RNF54
<u>Clone Number</u>	DU43712
<u>Species</u>	Human
<u>Accession Number</u>	Q9BYM8
<u>Tags</u>	N-terminal GST-tag
Aminoacid sequence of the expressed protein	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGL EFPNLPYYIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAIEISMLEGAVL DIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPOIDKYLKSSKYIA WPLQGWQATFGGGDHPPKSDLEVLFGPLGSPGIPGSTRAAAMDEKTKKA EEMALSLTRAVAGGDEQVAMKCAIWLAEQRVPLSVOLKPEVSPTQDIRLW VSVEDAQMHTVTIWLTVRPDMTVASLKDMVFLDYGFPPVLQQWVIGORLA RDQETLHSHGVRQNGDSAYLYLLSARNTSLNPQELQREQLRMLEDLGFK DLTLQPRGPLEPGPPKPGVPQEPGRGQPDVPEPPPPVGWQCPGCAFINKP TRPGCEMCCRARPEAYQVPASYQPDEEERARLAGEEEALROYQQRKQQQQ EGNYLQHVQLDQSLVLNTEPAECPVCYSVLAPGEAVVLRECLHTFCREC LQGTIRNSQAEVSCPFIDNTYSCSGKLLEREIKALLTPEDYQRFDLGI SIAENRSAFSYHCKTPDCKGWCFFEDDVNEFTCPVCFHVNCLLCKAIHEQ MNCKEYQEDLALRAQNDVAARQTTEMLKVMLQQGEAMRCPOCQIVVQKKD GCDWIRCTVCHTEICWVTKGPRWGPGGPGDTSGGCRCRVNGIPCHPSCQN CH
Native sequence	in bold
Protease cleavage	Prescission Protease site underlined
Cloning sites	Not1 / NotI

**DNA sequence of
insert**

gcggccgcgatggacgagaagaccaagaaagcagaggaaatggccctgag
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