*h*ULBP-2 VersaClone cDNA

Catalog Number: RDC0822

Specifications:

Gene:	*h*ULBP2
Accession:	NP_079493
Insert size:	753bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

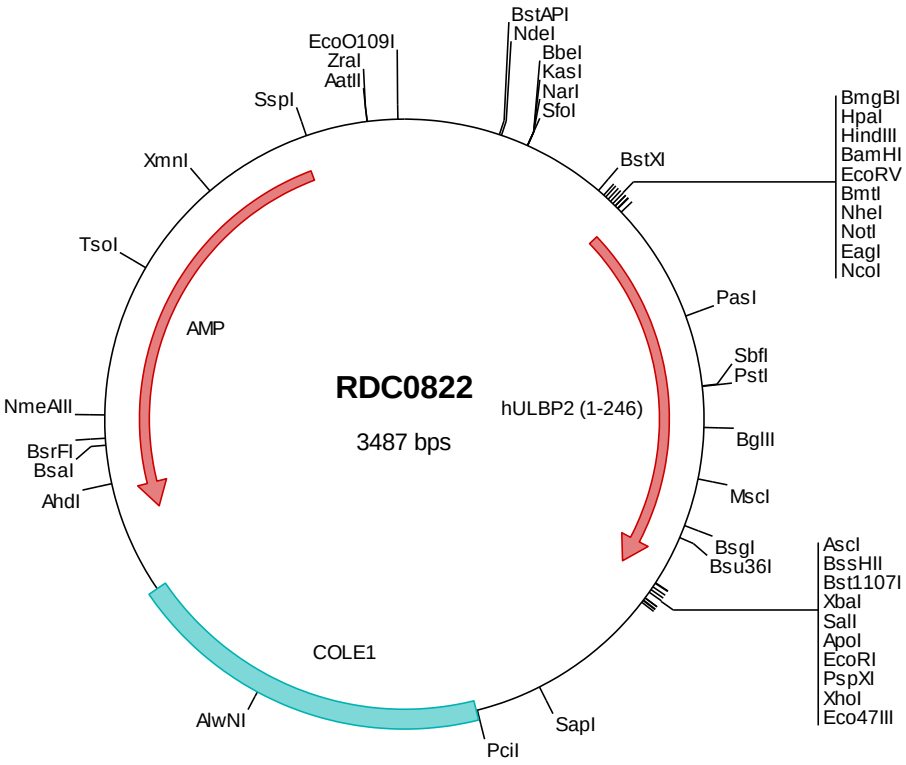
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*ULBP-2 cDNA Plasmid

ULBP2 UL16 binding protein 2
[*Homo sapiens* (human)]

Also known as: N2DL2; RAET1H

Summary:
ULBP2 is a ligand for the NKG2D receptor. It interacts with several other virus- or stress-inducible ligands and can be expressed as either a transmembrane or a GPI-anchored protein. ULBP2 may represent a novel and useful serum biomarker for pancreatic cancer and malignant melanoma screening.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0822 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggcagcag ccgccgctac caagatcctt ctgtgcctcc cgcttctgct
 501  cctgctgtcc ggctggtccc gggctgggcg agccgaccct cactctcttt gctatgacat caccgtcatc cctaagttca gacctggacc acggtggtgt
 601  gcggttcaag gccaggtgga tgaaaagact tttcttcact atgactgtgg caacaagaca gtcacacctg tcagtcccct ggggaagaaa ctaaatgtca
 701  caacggcctg gaaagcacag aacccagtac tgagagaggt ggtggacata cttacagagc aactgcgtga cattcagctg gagaattaca cacccaagga
 801  acccctcacc ctgcaggcca ggatgtcttg tgagcagaaa gctgaaggac acagcagtgg atcttggcag ttcagtttcg atgggcagat cttcctcctc
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1001  acttctcaat gggagactgt ataggatggc ttgaggactt cttgatgggc atggacagca ccctggagcc aagtgcagga gcaccactcg ccatgtcctc
1101  aggcacaacc caactcaggg ccacagccac caccctcatc ctttgctgcc tcctcatcat cctcccctgc ttcatcctcc ctggcatctg aggcgcgcca
1201  gtatactcta gagtcgacac ccggggaatt cctcgagcgc tcgtctctag cttggcgtaa tcatggtcat agctgtttcc tgtgtgaaat tgttatccgc
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1401  cgctttccag tcgggaaacc tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg gagaggcggt ttgcgtattg ggcgctcttc cgcttcctcg
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1801  accctgccgc ttaccggata cctgtccgcc tttctccctt cgggaagcgt ggcgctttct caatgctcac gctgtaggta tctcagttcg gtgtaggtcg
1901  ttcgctccaa gctgggctgt gtgcacgaac ccccgttca gcccgaccgc tgcgccttat ccggtaacta tcgtcttgag tccaacccgg taagacacga
2001  cttatcgcca ctggcagcag ccactggtaa caggattagc agagcgaggt atgtaggcgg tgctacagag ttcttgaagt ggtggcctaa ctacggctac
2101  actagaagga cagtatttgg tatctgcgct ctgctgaagc cagttacctt cggaaaaaga gttggtagct cttgatccgg caaacaaacc accgctggta
2201  gcggtggttt ttttgtttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat cttttctacg gggtctgacg ctcagtggaa
2301  cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat ccttttaaat taaaaatgaa gttttaaatc aatctaaagt
2401  atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgaggc acctatctca gcgatctgtc tatttcgttc atccatagtt gcctgactcc
2501  ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga taccgcgaga cccacgctca ccggctccag atttatcagc
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2801  aacgatcaag gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg gtcctccgat cgttgtcaga agtaagttgg ccgcagtgtt
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3101  gttcttcggg gcgaaaactc tcaaggatct taccgctgtt gagatccagt tcgatgtaac ccactcgtgc acccaactga tcttcagcat cttttacttt
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3301  caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg cgcacatttc
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> RDC0822 Translated Insert Sequence

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 201  mdstlepsag aplamssgtt qlratattli lcclliilpc filpgi
```