

## Product datasheet for **SC213412**

### LRRFIP2 (NM\_017724) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones                          |
| Product Name:             | LRRFIP2 (NM_017724) Human 3' UTR Clone |
| Symbol:                   | LRRFIP2                                |
| Synonyms:                 | HUFI-2                                 |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pMirTarget (PS100062)                  |
| ACCN:                     | NM_017724                              |
| Insert Size:              | 1267 bp                                |



[View online »](#)

**Insert Sequence:** >SC213412 3'UTR clone of NM\_017724  
 The sequence shown below is from the reference sequence of NM\_017724. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATAGGACAGCACTTCTGGCCAGCAGTAGGAAAACCCCTTCAACCTGGGTGATGCTCCTGGGGCC
CTACCTAGAGGGACTGACTTTTGTCCATTGACACAAACCCTTTTACTACTGTTTTGAGTTTTGTCATT
AAAACAGCCACCTTTGTATTTTATAATTTATGACAGAATGAAGTCATTTTGAATCTACATGAATGAACA
CTTTGGATTTTGTAGTTTATTCTAGGGTAGAACCAGTCCATGCTGTTTTTATTTTTATCTCCGT
AATTGTAGAATCATGTTTACTCAACGTTTTTCCCAGCTGCCTCAGTAACTGGGCACTCGGAGGCCCTTG
GCACGGTTCTGGAGGACAGACGAATCTATGAGTGCTCACTGAGATACTTGTGGAGACCTCAGAA
AACACAAGTGCCTTCTCCACGGTCAATTCAGACTTCAGTGATCTCCAGTGGTCAAAGACATTTACCC
TTAATATCAGACAACATTTATATTTTAGTGAAGAAACAAGTTCTCGGGTGGGAATCTATGTTTCACTC
AGATTTATATGTTTGGAGAAAAAGCCTTTTTTGTAAAATATTTAAATTTATATAAGAAAATGTTAG
AAAAAATATGGGGAGTGATATAAAAATTGCTTTATTGCATGGGGCAGGGGAAGTCCAGGCCTAATAC
TCCTAAAGTAAGAGTTGGGTCTTTTTTCTTCAATACTGTGCTGTACCTTGTAAAATTTTTATC
TGCTGCTTATTTGTGGAATGAAACCTCAAACAAACCCAAAGGGGGAGGGTAGGGCAGGGCAGGCAGATT
GGAAATCTGCCTGCAGATTCTATTAATACACCCTTTGCCAACCACAATTGGCTACTGACATGTTTAT
TTTGTATAGGAGACTTTAAAACAAATCATGGCAACCACATCCCTCTTCTTTGTCTCTTCTCAAGGA
AAAACAATCTGGAATGTAGAATTTTAAAGACTTGAGTTTACCTTTAGAGGTACCCTGTCCAAGAGGT
TTTTTTAAAATCATGGAGTGCAACTACTTGCAGAATTTATGATTCTCTTTTGTCTTTAGTACCCAGGT
GGTTTTATAGAAATGATTATTGTATCTTTAAAGTGCTTACACAGAAAATATATTGGGGGAAAATCTAGT
GACTAAAGGCACATAAGATAATAAACTAGACTTTAAAAGGTAAGTCAAAGTGAATAAAATCTCTAA
TATTTGTCTTTAAAAAATTTTAAAAAATTTTAAAAAATTTTAAAAAATTTTAAAAAATTTTAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_017724.2](#)

**Summary:** The protein encoded by this gene, along with MYD88, binds to the cytosolic tail of toll-like receptor 4 (TLR4), which results in activation of nuclear factor kappa B signaling. The ubiquitin-like protein FAT10 prevents the interaction of the encoded protein and TLR4, thereby inactivating the nuclear factor kappa B signaling pathway. In addition, this protein can downregulate the NLRP3 inflammasome by recruiting the caspase-1 inhibitor Flightless-1 to the inflammasome complex. [provided by RefSeq, Jan 2017]

**Locus ID:** 9209

**MW:** 48.8