

Product datasheet for **SC315821**

HSPA12A (NM_025015) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSPA12A (NM_025015) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSPA12A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC315821 representing NM_025015.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGGACAAGGAGGCCGGCGGACGACGGGCCCGAGAAACGGCTCCCACATCTGCATATTCATCT
CCAGCCCGGAGTCTTGGGGACACAGGAATAACGCCTCTGTCCCCCTCCCATTGTGAACGACACTGAC
TCCAACGCTCAGAACAGCAGTCAATTTCTCGTGGTGGTGCCGTCGACTTTGGGACCACATCCAGTGGC
TATGCCTACAGCTTACCAAGGAGCCGGAATGCATCCATGTGATGAGGCGATGGGAGGGAGGTGACCCT
GGTGTGTCCAATCAGAAGACTCCAACCACCATCTTGTGACTCCCAGAGGAAGTTCCACAGCTTCGGG
TATGCCGCCAGGACTTTTACCATGACCTGGATCCCAATGAGGCCAAGCAGTGGCTGTACCTGGAGAAG
TTCAAGATGAAGCTGCACACCACTGGGGACCTCACCATGGATACAGACCTGACGGCAGCAATGGCAAG
AAAGTCAAAGCCCTTAAATCTTTGCTTATGCCCTGCAGTACTTAAAGGAGCAGGCGCTGAAGGAGCTG
AGTGACCAGGCGGTTCCGAGTTCGAGAACTCTGATGTCAGATGGGTATCACGGTGCCTGCCATCTGG
AAGCAGCCGCCAAGCAGTTCATGAGACAAGCTGCCTACCAGGCAGGCCGGCTCCCCGAGAACTCG
GAGCAGCTCATCATTGCCTTGGAGCCTGAGGCAGCCTCTATCTACTGCCAAAGCTGCGGCTACACCAG
ATGATTGAGCTGAGCAGCAAGGCAGCCGTCATGGGTACAGCGGCAGTGACACAGTAGGAGCTGGTTTT
ACACAGGCTAAGGAACACATACGGCGTAATCGGCAGAGTCGGACCTTTTTGGTGGAGAATGTCATAGGA
GAAATCTGGTCCGAGCTGGAGGAAGGTGATAAGTATGTGGTTGTGGACAGTGGCGGTGGCACCGTAGAC
CTGACAGTCCATCAGATCCGTTACCGGAGGGACACCTTAAAGAACTGTATAAAGCAACAGGCGGACCC
TATGGATCTTTAGGAGTAGATTAGAGTTCGAAAACTTCTGTATAAAATATTTGGAGAGGATTTTATT
GAACAATCAAATCAAACGCCCTGCAGCCTGGGTTGACTTAATGATTGCGTTTGGTCTCGAAAAGG
GGCGCTGCCCCAGACAGAACTAACCCGCTGAACATCACCTGCCCTTCTCCTTCACTGACTACTACAAG
AAGTTCCGCGGGCACAGTGTGGAGCAGCCTTGGGAAAAGCAATGTGGATTTTGTGAAGTGGTCCCTCG
CAGGGGATGCTGCGGATGAGTCCAGATGCCATGAACGCCCTTTTTAAGCCGACCATCGATAGCATCATT
GAGCATCTCCGGGACCTGTTTCCAGAAGCCCGAGGTGTCCACCGTCAAGTTCCTCTTTCTGGTGGCGGC
TTTGCCGAGGCGCCCTGCTGCAGCAGGCGGTGCAGGCTGCTTTTGGGGACCAGTGCCGGATCATCATC
CCCCAGGACGTGGGCCTCACCATCTCAAGGTGCCGTCTCTTTGGCCTGGACCCCGCGGTATCAAG
GTGCGCCGGTCCGCGCTCACCTACGGGGTAGGCGTGTGAACCGTACGTGGAGGCAAGCACCCGCT
GAGAAGCTGCTGGTGAAGGATGGCACTCGGTGGTGCACCGACGTCTTTGACAAGTTCATCTGCGGAC
CAGTCTGTGGCTCTGGGTGAGCTGGTCAAGCGTAGCTACACCCCGCCAAGCCCTCCAGCTGGTCATT
GTCATCAACATCTACAGCTCTGAGCAGCAACGTCAGCTTCATCACTGATCCCGGGTGAAGAAGTGT
GGCAGCTCCGCCTGGATCTCACAGGGACCAGTGGCACTGCGGTGCCCGCCCGGAGGGAGATCCAGACC
CTTATGCACTTCCGGGACACCGAGATCAAAGCCACAGCCATTGATATAGCCACTTCGAAGAGTGTCAA
GTTGGGATCGACTTCTTAAATTAAACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_025015

Insert Size: 2028 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_025015.2</u>
RefSeq Size:	5739 bp
RefSeq ORF:	2028 bp
Locus ID:	259217
UniProt ID:	<u>O43301</u>
Cytogenetics:	10q25.3
MW:	75 kDa
Gene Summary:	Adapter protein for SORL1, but not SORT1. Delays SORL1 internalization and affects SORL1 subcellular localization.[UniProtKB/Swiss-Prot Function]