

Product datasheet for **SC312907**

GI24 (C10orf54) (BC020568) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GI24 (C10orf54) (BC020568) Human Untagged Clone
Tag:	Tag Free
Symbol:	GI24
Synonyms:	chromosome 10 open reading frame 54; GI24; OTTHUMP00000019774; platelet receptor GI24; PP2135; SISP1; stress induced secreted protein 1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322294
 GTCCGACGGCGACATGGGCGTCCCCACGGCCCTGGAGGCCGGCAGCTGGCGCTGGGGATC
 CCTGCTCTTCGCTCTCTTCTGGCTGCGTCCCTAGGTCCGGTGGCAGCCTTCAAGGTCGC
 CACGCCGATTCCCTGTATGTCTGTCCCAGGGGCAGAACGTACCCTCACCTGCAGGCT
 CTTGGGCCCTGTGGACAAAGGGCAGCATGTGACCTTCTACAAGACGTGGTACCGCAGCTC
 GAGGGGCGAGGTGCAGACCTGCTCAGAGCGCCGGCCATCCGCAACCTCACGTTCCAGGA
 CCTTCACCTGCACCATGGAGGCCACCAGGCTGCCAACACCAGCCACGACCTGGCTCAGCG
 CCACGGGCTGGAGTCGGCCTCCGACCACCATGGCAACTTCTCCATCACCATGCGCAACCT
 GACCCTGTGGATAGCGGCTCTACTGCTGCTGGTGGTGGAGATCAGGCACCACCACTC
 GGAGCACAGGGTCCATGGTGCCATGGAGCTGCAGGTGCAGACAGGCAAAGATGCACCATC
 CAACTGTGTGGTGTACCCATCCTCCTCCAGGAGAGTGAAAACATCACGGCTGCAGCCCT
 GGCTACGGGTGCCTGCATCGTAGGAATCCTTGCCTCCCCCTCATCTGCTCCTGGTCTA
 CAAGCAAAGGCAGGCAGCCTCAACCGCCGTGCCAGGAGCTGGTGGGATGGACAGCAA
 CATTCAAGGGATTGAAAACCCCGCTTTGAAGCCTCACCACTGCCAGGGGATAACCGA
 GGCCAAAGTCAGGCACCCCTGTCTATGTGGCCAGCGGCAGCCTTCTGAGTCTGGGCG
 GCATCTGCTTTCGAGGCCAGCACCCCTGTCTCCTCCAGGCCCGGAGACGTCTTCTT
 CCCATCCCTGGACCCTGTCCCTGACTCTCAAACCTTTGAGGTCATCTAGCCCAGCTGGGG
 GACAGTGGGCTGTTGTGGCTGGGTCTGGGGCAGGTGCATTTGAGCCAGGGCTGGCTCTGT
 GAGTGGCTCCTTGGCCTCGGCCCTGGTTCCCTCCCTCCTGCTCTGGGCTCAGATACTGT
 GACATCCAGAAGCCAGCCCTCAACCCTCTGGATGCTACATGGGGATGCTGGACGGC
 TCAGCCCTGTTCCAAGGATTTGGGGTCTGAGATTCTCCCCTAGAGACCTGAAATTCA
 CCAGCTACAGATGCCAAATGACTTACATCTTAAGAAGTCTCAGAACGTCCAGCCCTCAG
 CAGCTCTCGTTCTGAGACATGAGCCTTGGGATGTGGCAGCATCAGTGGGACAAGATGGAC
 ACTGGGCCACCCTCCAGGCACCAGACACAGGGCACGGTGGAGAGACTTCTCCCCGTGG
 CCGCCTTGGCTCCCCGTTTTGCCGAGGCTGCTTCTGTGAGACTTCTCTTTGTACC
 ACAGTGGCTCTGGGGCCAGGCCTGCCTGCCACTGGCCATCGCCACCTTACCCAGCTGCC
 TCCTACCAGCAGTTTCTCTGAAGATCTGTCAACAGGTTAAGTCAATCTGGGGTTCCACT
 GCCTGCATTCCAGTCCCCAGAGCTTGGTGGTCCCGAAACGGGAAGTACATATTGGGGCAT
 GGTGGCCTCCGTGAGCAAATGGTGTCTTGGCAATCTGAGGCCAGGACAGATGTTGCCCC
 ACCCACTGGAGATGGTGTGAGGGAGTGGTGGGGCCTTCTGGGAAGGTGAGTGGAGAG
 GGGCACCTGCCCCCGCCCTCCCATCCCCTACTCCCCTGCTCAGCGCGGGCCATTGCA
 AGGGTGCCACACAATGTCTTGTCCACCCTGGGACACTTCTGAGTATGAAGCGGGATGCTA
 TAAAAACTACATGGGGAACAGGTGCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: BC020568

Insert Size: 1900 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:	BC020568.1 , AAH20568.1
RefSeq Size:	1911 bp
RefSeq ORF:	1911 bp
Locus ID:	64115
Cytogenetics:	10q22.1
Domains:	ig
Protein Families:	Transmembrane
Gene Summary:	Immunoregulatory receptor which inhibits the T-cell response (PubMed:24691993). May promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling (By similarity). May stimulate MMP14-mediated MMP2 activation (PubMed:20666777).[UniProtKB/Swiss-Prot Function]