

Product datasheet for SC313280

SCYL1BP1 (GORAB) (NM_152281) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCYL1BP1 (GORAB) (NM_152281) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCYL1BP1
Synonyms:	GO; NTKLBP1; SCYL1BP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene ORF sequence for NM_152281 edited</p> <p>ATGAGCTGGGCAGCAGTGTGGCAGTCGCGGCTGCGAGATTTGGGCACCTTTGGGGGTGC CGGTGGCCCGGGCCGATGGCGCAAGGTTGGGCAGGCTTCTCTGAGGAGGAAGTGAAGAG CTAAAGCAGACTAAAGATCCATTTGAACACAGCGACGTCTCCCGCGAAGAAAAGTCGA CAACAACCTTCAGCGAGAAAAAGCCCTTGTAGAGCAAAGCCAAAACTTGGGCTTCAAGAT GGATCAACCTCATTACTTCCAGAGCAGCTGCTTTCAGCACAAAACAGAGAGTTAACGTT CAAAAACCACTTTTCTTCCCTACTCTTCCGAGTCATTTCACTCTCACCTCCCCCGTT GGTGATGGACAACCACAGGCGATTGAAAGTCAGCCAAAGGAACTGGGACTTGAGAATTCC CATGATGGTCACAACAATGTTGAGATTCTACCTCCAAAGCCAGATTGCAAATTGGAGAAA AAGAAAGTGGAATTGCAAGAAAAATCTCGTTGGGAAGTCTCCAACAAGAACAACGGCTA ATGGAAGAGAAAAATAAACGTAAAAAGCTCTTTTGGCTAAAGCTATTGCAGAAAGATCC AAAAGAACTCAGGCAGAGACCATGAAACTAAAGCGGATCCAGAAGGAGTTGCAGGCTTTA GATGACATGGTGTGAGCTGACATTGGAATTCTCAGGAACCGGATTGATCAGGCCAGCTTA GACTATTCATACGCTCGGAAGCGGTTTGACAGGGCTGAAGCAGAGTACATTGCAGCAAAG CTAGATATACAGCGCAAGACTGAGATAAAAGAGCAACTCACTGAACACCTTTGTACGATC ATACAGCAAAATGAGCTCCGAAAGGCCAAGAAGTTGGAGGAGTTGATGCAACAACATAGAT GTAGAAGCCGATGAAGAGACTTTGGAGCTTGAGGTGGAGGTCGAGAGATTGCTACACGAA CAAGAAGTAGAATCAAGGAGACCAGTGGTTCGTTTAGAGAGGCCATTTACGCCTGCGGAG GAGAGTGTGACATTAGAATTTGCTAAAGAGAACAGAAAGTGTCAAGAACAAGCTGTTTCC CCAAAGGTAGATGACCAGTGTGGAAATTCCAGTAGCATCCCTTTCTTAGTCCAACTGC CCAATCAAGAAGGTAATGACATTTAGCTGCTTTGGCCACATGA</p>
Restriction Sites:	Please inquire
ACCN:	NM_152281
Insert Size:	2600 bp


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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 clone has been fully sequenced and found four SNPs within the protein associated with this reference, NM_152281.1. Three of four SNPs result in amino acid change.
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_152281.1, NP_689494.1</u>
RefSeq Size:	2186 bp
RefSeq ORF:	1185 bp
Locus ID:	92344
UniProt ID:	<u>Q5T7V8</u>
Cytogenetics:	1q24.2
Domains:	DUF662
Gene Summary:	<p>This gene encodes a member of the golgin family, a group of coiled-coil proteins localized to the Golgi. The encoded protein may function in the secretory pathway. The encoded protein, which also localizes to the cytoplasm, was identified by interactions with the N-terminal kinase-like protein, and thus it may function in mitosis. Mutations in this gene have been associated with geroderma osteodysplastica. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>