

Product datasheet for **RG234124**

OSCP (ITGBL1) (NM_001271755) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSCP (ITGBL1) (NM_001271755) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OSCP
Synonyms:	OSCP; TIED
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234124 representing NM_001271755
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATCGCTCCCCCAGGCTTCAGGAACCTCTTGCTGCTGGCGTCTCCCTTCTCTTTGCTGGGTTGTCAGCTG
 TTCCTCAAAGCTTCTCGCCATCTCTGAGGAGCTGGCCGGGCGCCGCTGCAGGCTGTCCCGGCCGAGTC
 GGAGCGACGCTGCCGCGACCTGGGCAGCCCCGGGGGCGCGCTGTGCCACGGCCGGGCGCTGCGAC
 TCGGGCGTCTGCATCTGCCACGTGACTGAGCCGGGCATGTTCTTCGGGCCCTGTGTGAGTGCCATGAGT
 GGGTGTGCGAGACCTACGACGGGAGCACCTGTGCAGGTACATGTCAGTGTGCAGGTGTAAGTGTGATAA
 TTCAGATGGAAGTGACTTGTGTATGGTAAATTTTGTGAGTGTGACGATAGAGAATGCATAGACGATGAA
 ACAGAAGAAATATGTGGAGGCCATGGGAAGTGTACTGTGAAACTGCTACTGCAAGGCTGGTTGGCATG
 GAGATAAATGTGAATCCAGTGCATATCACCCCTGGGAAAGCAAGCAAGATGCACGTCTCCAGATGG
 CAAAATCTGCAGTAACAGAGGGACTTGTGTATGTGGTGAATGTACCTGTCACGATGTTGATCCGACTGGG
 GACTGGGAGATATTCATGGGGACACCTGTGAATGTGATGAGAGGGACTGTAGAGCTGTCTATGACCGAT
 ATTCTGATGACTTCTGTTCAAGTCATGGACAGTGAATTGCGGAAGATGTGACTGCAAAGCAGGCTGGTA
 TGGGAAGAAGTGTGAGCACCACAGTCTGCACGCTGTCAGCTGAGGAGAGCATCAGGAAGTGCCAGGGA
 AGCTCGGATCTGCCTTGCTCTGGGAGGGTAAATGTGAATGTGGCAAATGCACCTGCTATCTCCAGGAG
 ATCGCCGGGTGTATGGCAAGACTTGTGAGTGTGATGATCGCCGCTGTGAAGACCTCGATGGTGTGGTCTG
 TGGAGGCCACGGCACATGTTCTGTGGTCGCTGTGTTTGTGAGAGAGGATGGTTTGGAAAGCTCTGCCAA
 CATCCGCGGAAGTGTAACATGACGGAAGAACAAGCAAGAATCTGTGTGAATCAGCAGATGGCATATTGT
 GCTCGGGAAGGGTCTTGTCTATTGTGGGAAGTGCAATTTGTTCTGCTGAAGAGTGGTATATTTCTGGGGA
 GTTCTGTGACTGTGATGACAGAGACTGCGACAAACATGATGGTCTCATTGTACAGGGAATGGAATATGT
 AGCTGTGGAAGTGTGAATGCTGGGATGGATGGAATGGAATGCATGTGAATCTGGCTTGCTCAGAAT
 ATCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234124 representing NM_001271755
 Red=Cloning site Green=Tags(s)

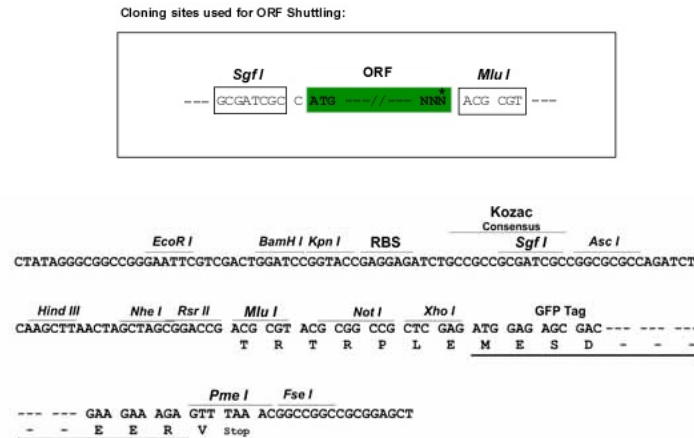
MRPPGFRNLLLLASSLLFAGLSAVPQSFSPSLRSWPGAACRLSRAESERRCRAPGQPPGAALCHGRGRCD
 CGVCICHVTEPGMFFGPLCECHEWVCETYDGSTCAGTCHCGRCKDNSDGSGLVYGKFCEDDRECIDDE
 TEEICGGHGKCYCGNICYKAGWHGDKCEFQCDITPWESKRRCTSPDGKICSNRGTCVCGECTCHDVPDPTG
 DWGDIHGDTCECDERDCRAVYDRYSDDFCSHGQCNCGRCDCKAGWYGGKCEHPQSCTL SAEESIRKQCG
 SSDLPSCGRGKCECGKCTCYPPGDRRVYKTCEDDRRCEDLDGVVCGGHGTCSCGRVCERGWFGKLCQ
 HPRKCNMTTEEQSKNLCEADGILCSGKGSCHCGKICSAEEWYISGEFCDCCRDCDKHDLICTGNGIC
 SCGNCECDWGNWGNACEIWLGS EYP

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001271755

ORF Size: 1335 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_001271755.1](#), [NP_001258684.1](#)

RefSeq Size: 2388 bp

RefSeq ORF: 1338 bp

Locus ID: 9358

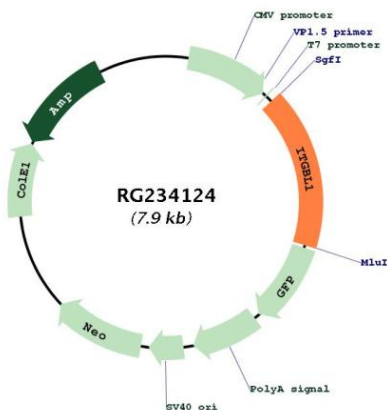
UniProt ID: [O95965](#)

Cytogenetics: 13q33.1

Gene Summary:

This gene encodes a beta integrin-related protein that is a member of the EGF-like protein family. The encoded protein contains integrin-like cysteine-rich repeats. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

Product images:



Circular map for RG234124