

Product datasheet for SC318463

ITPRID1 (NM_194300) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ITPRID1 (NM_194300) Human Untagged Clone
Tag:	Tag Free
Symbol:	ITPRID1
Synonyms:	CCDC129
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318463 representing NM_194300. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGATGGCACAGAAATCACAAGGATCTGACAACCTTCAGGAAGGCCAGGAAAAGCAAGAGAGAGATC
 CTGAAGTGCACCAAAAGCGCGTGGGCTCCGCTGGATGAGTGGCTGCCCTGACCCTGAGGAGGAAAGC
 CAGAGTCTCACCATCCCCATGCTGGAAGATTCCAAGCAAGAAAGTATTGAGCAGTGGCTGGACTCTGGA
 TTCTTTGTCTCTGCAATGAAACTTTCAACAAGTCATTGACCGCACTGTTTCTTTGTATGAACAAGGG
 ATGTTCAAATGACTGTGAAAGACTACATGAGATCTTTGCATCAGTTTTGAGAACTCCCATCCTATCC
 AGAGGGACCAGTTTCAACTCTTGCTATTCTACTGCAAGTGTACCACAAAGCATTCTGAATGGCTGGAA
 TTTTGGGAGATAGATCCAGTGGAGATTCTCTGGATCTGGGGTTTGGTGTGATGAGCCAGACATCTGC
 ATGCAATCCCAGCCAGATTCTTGTTGTGGCTCAGCAGCCAGAGGAATCAACATCCGTGTTTTCTT
 GAAGCTCAAAAGCAGCGAATGGACATTGAGAACCCCACTTGTACGGTCGTTTCCGACAGCTGGAATC
 CTGGACCATGTGACCAATGCCTTCTCATCTCTGCTGAGTGATGTCAGCATCCTGCCAAACAGAGCTGAA
 GAGAAAGCTGGAGGAGAGAGTGTGCAAGAACCTCAGTGAGTGCCGCCAAAGAGCATCGAAGAAGATG
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 GATTTGCTACCTTATCCTCCTCATGGTCTCTGAGCAAGCAGTGGCCTTGCTCATCTATGCCGGCCAAG
 CAGGCTCCTCCTCTGTGTCTGAGGGGTGAGTCAAGGGCAGAACTCAGAAGGAGAAGTATTTTCAG
 ACTAACAAGCTCAAGAGCTTGTCTCATCTTGCAGGCAAGGACCAGACTCATTTGAAATGGAAGAGGTC
 CAAAGCTTTGAAGAAGAGACTGGTAATCCTCTTGACATGACTTCAGGAAGTGTAGGTGCCAGGGTGGAC
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 TCTTTTCAAGCCAAGAAGCGAATGCCTTGAACAAAGGCCCTCAGTATCTGTGATGGAGGAAGAGTTT


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CTGCTTGAGGCCATGGAGGGGCCACCAGAGCTGTATATCCCAGACATGGCCTGTGCCAAGACCACCAGC
 AGGGGAGAATGCCAAGGAAAGACAGCCATCTGTGGCAGCTTCTGCCAATGCCCCATGCTGAGTATGAG
 GTCACCAGACCCACAGCCACTTCCAAATATGATCATCTCTGGGGTTTATGGTAACCCACGTACAGAA
 ATGCAGGACAGTTTTGTGAGGCCGTGAGGGAGCTGGCAAAGTGCAAAGCCACCACAATGAGTCTCAAAGG
 TCACCTGGAAATGATCATACTCAAGACAAGTTCCTTCATGTTGACTCTGAGGCCCCACGAGAAGAGGAA
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 AAGCACAGTGAAATCACACCTTATGCAACTGACCTTGCTCAAACATCTGAAAAGCTCATTCCCCACCTC
 CATAAAGTGCCTGGAGATCTGCCAGGTGAAGTCAAGGTCTGGTACTTTGGGTGAGATACTACCTGGG
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 TCCAGCCTGGTGTGCGCTGCTCAGAGGGCTGTGGCCTTGGGGACTGGTCCCAGAGGAACATCTTTAGAA
 TGCAGTGTGTGATCCTGTTACCGCAACAGAAACAAGACTGGGGACAAAAGCAAGACAGTTAAATGAT
 GCTTCCATTGAGCTTCACTCTAAGCAACAAGACCTTGACACATGGGCCCCAGCCCTCACCAATCC
 GTCTCTAGACTCAGGCTTCTAGTATCTGCCAATGGGCACCTGCCATGCTATACCTGCCACTGC
 TGCATCTGCTGTCATCACACCCTCACTGCCACGGGGAGAGGCAAAGCCCTGGCCCTGAACCCTCAGTC
 TGTAGGCACTGCCTGTGTTCACTAACTGGTCACAGGAAGCCAGTTCATGACGACTTTGAAAGCCCTT
 CAGGACACTACAGTGAGGAGCTATGTTCTGCACAGTCCATGAGATGGAAGCCATGAAGACGATATGC
 CAAAGTTTCCGGGAGTATTTAGAAGAAATTGAACAGCACCTTATGGGACAGCAGGCCCTCTTTCCAGG
 GACATGTCAGAGGAGGAAAGGGAGGAGGCCGAGCAACTGCAAACGTTACGTGAGGCCCTGAGGCAGCAG
 GTGGCAGAGTTGGAATTTAGTTAGGAGACCGGCTCAGCAATCAGAGAAGGGATTTTACTGCAGCTG
 GAGGTTCTCACAGCAGAGCCACCTGAACACTATTCAAATCTGCATCAATATACTGGATAGAAGAAAGC
 AATGGGCAGACTTCATGTTCTAAATCCACCCAGGCATGGCCCCGAGGACTGTGTTTCTCCCGATGAT
 GGCCAGGAGGCTCCCTGTTCAAGTGGGACCCAGTTGGTGCCTTCACTCCACCCACCTTGGAACACAGC
 ACCAGGATGTCTCTTCATCATCAGCTTGGGCAAAGTTAGGTCCAACCCCTTTGTCAAATTGTCTGTT
 GGAGAAAAGGATGCAGATGTCTTCTCTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_194300
Insert Size:	3135 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:	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_194300.3</u>
RefSeq Size:	4030 bp
RefSeq ORF:	3135 bp
Locus ID:	223075
UniProt ID:	<u>Q6ZRS4</u>
Cytogenetics:	7p14.3
MW:	115.4 kDa